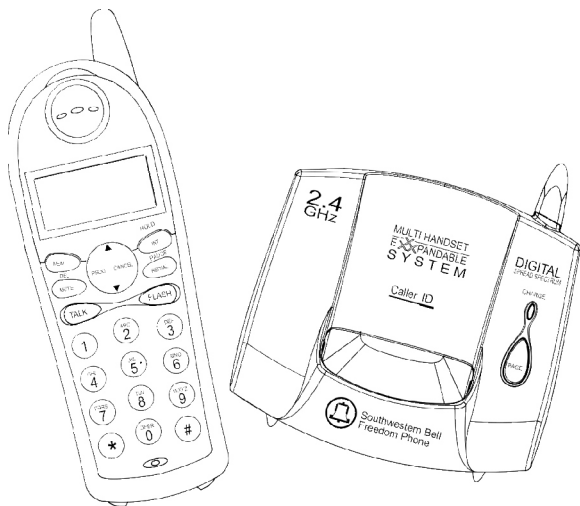




Southwestern Bell
Freedom Phone[®]

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



GH4000 Owner's Manual
Toll Free Help line 1-800-366-0937
<http://www.swbfreedomphone.com>

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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 been 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:

Danger of explosion if battery is incorrectly replaced. Use only a Southwestern Bell Freedom Phone approved battery pack in the handset of your GH4000 Cordless Telephone. To reduce the risk of fire or injury, always do the following when replacing, discarding or charging battery. 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:

GP60AAAH3BMX 3.6V 600mAh GPI INTERNATIONAL LIMITED



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

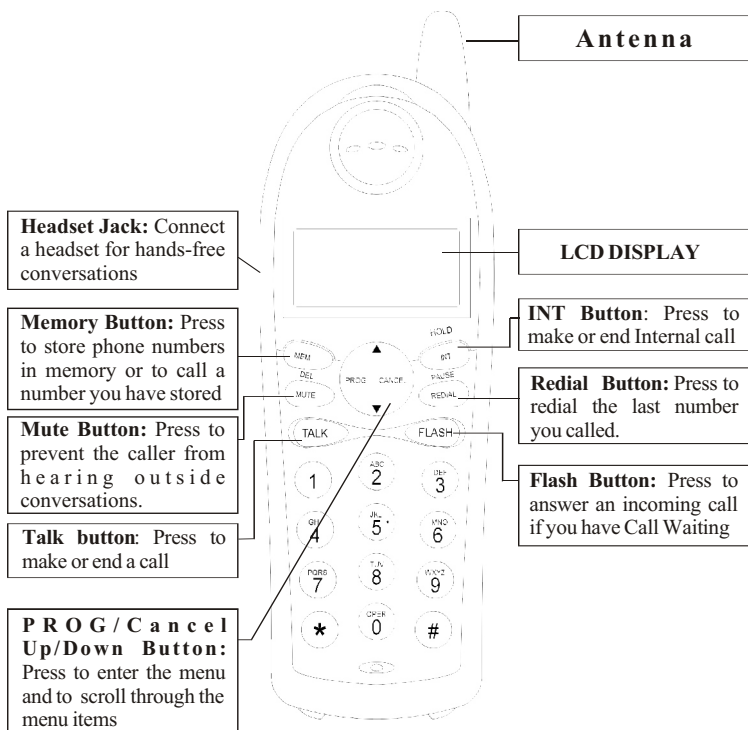
- Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling 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.
- Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery(ies) and battery charger.
- Do not mix old and new batteries in this product.
- 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.

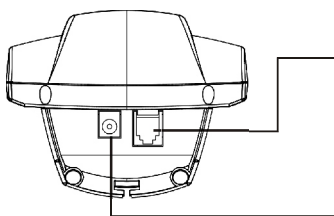
*RBRC is registered trademark of the Rechargeable Battery Recycling Corporation.

Save These Instructions

HANDSET CONTROLS, INDICATORS



BASE UNIT CONTROLS AND INDICATORS

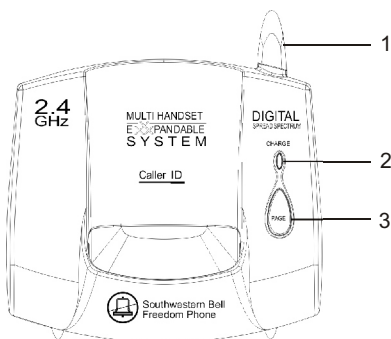


Telephone Line Jack

Connect the telephone line cord here.

9V 300mA Jack

Connect the AC adaptor cord here.



1. Antenna

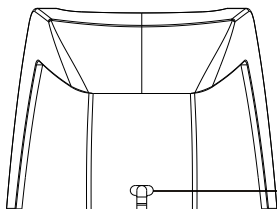
2. Charge LED

The Charger LED will be lit and the handset will display "CHARGING" when the handset is in charger.

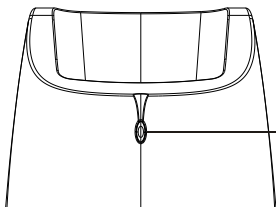
3. Page Button

Used to locate the handset

CHARGER INDICATOR



9V 200mA AC adaptor cord
Connect here.



Charger LED

The Charger LED will be lit and the handset will display "CHARGING" when the handset is in charger.

FCC WANTS YOU TO KNOW

This equipment complies with part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:2X6WI00B2G4G4NNN. If requested, this number must be provided to the telephone company. And the Universal Service Order Code (USOC), which is RJ-11C, for this equipment and that the Jack is TIA/EIA-IS 968 compliance.

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 RENs 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 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. Connecting 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.

CAUTION: To maintain compliance with the FCC's RF exposure guidelines place the base unit at least 20 cm from nearby persons

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. 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. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTICE: If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this [GH4000] does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

[NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrester is recommended.]

REMARK: THIS ADDENDUM SHEET WILL REPLACE PAGE 8 OF THE USER MANUAL.

FCC WANTS YOU TO KNOW

- 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 needed.
- 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 following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received. Including interference that may cause undesired operation.

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

INTRODUCTION

ABOUT THE GH4000

The GH4000 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 display (3-Line for Handset)
- 10 Memories store in Base and share to all Handset
- Dual Keypad and direct dialing from caller list
- Digital security coding
- Intercom Handset with Handset
- Back light display

The GH4000 allows you to answer a call by just removing the Handset from the Charging cradle 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 Charging cradle. 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 you conversations.

INTRODUCTION

Box Contents

- Base unit
- Owner's manual
- Memory card
- Telephone line cord (long and short)
- Multi H/S
- One Charger with adaptor
- Multi Rechargeable Battery/ BELT CLIP
- AC adaptor with cord for Base
- Wall mounting bracket
- Quick reference guide
- Registration 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

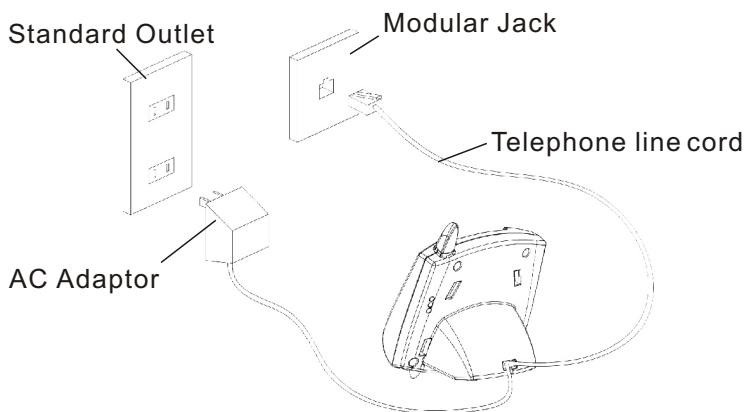
The GH4000 cordless telephone requires a modular phone jack(RJ11) and a standard 110/120 volt outlet. The handset is powered by a rechargeable battery pack. Batteries are charged automatically when the handset is placed in the charging cradle.

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. Plug the other end of the long telephone cord into the telephone wall jack.
4. Plug the AC adaptor into a standard 110/120V 60Hz AC wall outlet.

NOTE: Use only with the AC adaptor supplied with GH4000.



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.

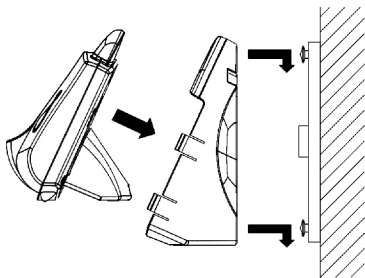
(Use only with class 2 power source 9V 400mA)

INSTALLATION

Wall Mounting

The GH4000 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 110/120V 60Hz AC wall outlet.

INSTALLATION

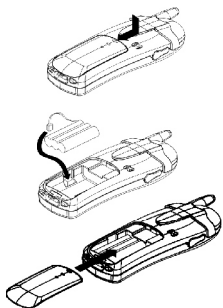
Handset Battery Charging:

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 handset charger will be lit and if the handset battery low will display "CHARGING" when the handset is in handset charger.

NOTE:

- When the battery gets low, the Battery Low Indicator will turn on.
- 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 handset charger to recharge the battery.
- 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 handset charger 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.

HANDSET REGISTRATION

When the handset is placed in the base station, the handset transmits a registration packet to the base station via the registration outlet. 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.

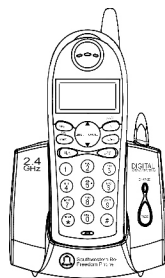
The handset registration procedure must be completed within the time-out limit of 45 seconds.

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



HANDSET MENU AND PROGRAMMING

The menu key functions are.

1. Press PROG 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 PROG 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 PROG key. The handset automatically returns to the previous menu level.

Audio Volume

Audio volume is adjusted by the following key sequence

1. Press PROG
2. Press the DOWN key two times.
3. Press PROG, to enter the volume sub-menu.
4. Enter volume 1-8, or adjust using DOWN/UP keys.
5. Press PROG, to confirm the setting.

Ring Volume

The ring volume is adjusted by the following key sequence

1. Press PROG
2. Press the DOWN key three times.
3. Press PROG, 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. Press PROG, to confirm the setting.

Ring pattern

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

1. Press PROG
2. Press the DOWN key four times.
3. Press PROG, to enter the ring pattern sub-menu.
4. Press the UP/DOWN keys followed by the PROG 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. Press PROG, to confirm the setting.

Auto Answer

The auto answer feature may be configured using the menu.

1. Press PROG.
2. Press the DOWN key five times.
3. Press PROG, 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

HANDSET MENU AND PROGRAMMING

display shows the actual setting, i.e. auto answer is activated with the display text "ON".

5. Press PROG, 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. Press PROG
2. Press the DOWN key six times.
3. Press PROG, 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. Press PROG, 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. Press PROG.
- 2) Press the DOWN key seven times.
- 3) Press PROG, 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) Press PROG, 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.

TELEPHONE OPERATION

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)

Digital Security System

The security code prevents your cordless telephone conversation from being accessed by a phone on a different line. Once the handset battery is fully charged, the handset will automatically select the code from a total of over 65,000 combinations. The code is changed every time the handset is placed in the cradle. If you experience difficulty with placing or receiving calls, a lost security code may be the cause of the problem. When this occurs, the handset can no longer communicate with the base. Reset by placing handset on base for 5-10 seconds. If that does not work, unplug the AC adaptor from the wall outlet. Disconnect the handset battery for 5-10 seconds, then reconnect. Place handset back on base and then replug the AC adaptor.

95 Channel Auto Scan Operation

The GH4000 cordless telephone automatically searches and selects the clearest of 95 channels when it is being used.

Making a Call

1. Lift the handset and press the TALK button to be connected to the phone line, and then "TALK" and the call timer will appear.
2. After bearing a dial tone, dial the desired number. The display will show the dialed number.
3. If you misdial, simply press the TALK button.
4. After your conversation is completed, press the TALK button once to disconnect the line, or return the handset to the base.

Receiving a Call

When the phone rings:

1. IF THE HANDSET IS OUT OF THE BASE, press the TALK or any button on the keypad.
2. IF THE HANDSET IS IN THE BASE, lift the handset. DO NOT press the TALK button, as you will be connected automatically.

NOTE:

If you experience difficulty with placing or receiving calls, the lost security code may be the cause of the problem. When this occurs, the handset can no longer communicate with its base. The loss of the code can occur any of

TELEPHONE OPERATION

the following ways: if the battery is drained and needs recharging; the handset is out of range of the base unit; the AC adaptor is disconnected or a power loss has occurred; or anything that causes electrical interference, for example multiple cordless telephones. Reset the base for 10 seconds. If that does not work, make sure the AC adaptor from the power source. Disconnect the battery for 5 seconds on the base and then reconnect. Place the handset on the base and the replug the AC adaptor (see Troubleshooting).

Headset Jack

You can connect a headset (not included) for hands-free conversations.

1. Insert the headset plug (must be 3/32 inch/2.5mm type) into the headset jack on the side of the handset (You may need to lift the rubber protective cover from the jack).

2. Attach the belt clip to the back of the handset. Make sure the "arms" of the belt clip snap securely into the notches on the side of the handset. You can now attach the handset/belt clip to the desired location on your clothing.

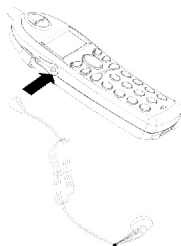
3. Adjust the headset microphone to a comfortable position, placing it near your mouth.

4. Use the TALK button to make or receive a call.

5. To remove the belt clip from the

back of the handset, use your fingernails to loosen one of the "arms" of the belt clip. The other "arm" of the belt clip will automatically release from the handset.

Note: When the belt clip is connected to the handset, the handset can only charge correctly with the keypad facing into the base.



Incoming Call

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

Incoming Call - Handset

1. If auto answer is disabled, an incoming call is accepted by removing the handset from handset charger, or pressing TALK or any numerical key (0 to 9), * or # key.

2. If auto answer is enabled, the incoming call is accepted by removing the handset from the charger.

3. The call is terminated by

TELEPHONE OPERATION

pressing TALK or placing the handset in the charger.

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 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)

TALK 0:00:01
7890123496322300

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.

TALK 0:00:01
EXTERNAL CALL

2. Enter the number, which replaces the 'External call' text in the display.

TALK 0:00:02
9876543210

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.

ENDED 0:01:15
9876543210

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 - Handset

An internal call is made by pressing INT key, followed by

TELEPHONE OPERATION

handset/base number ('1'-'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 to scroll through the list and the selected handset is called by pressing the TALK or PROG key.

1.Press INT.

SELECT INTERCOM
HANDSET #1

Name isn't assigned on the receiving handset.

SELECT INTERCOM
SOMEBODY

Internal handset name is assigned on the receiving handset.

SELECT INTERCOM
BASE

Internal call to base station speaker phone is selected.

SELECT INTERCOM
CALL ALL

Global internal call should be performed to all handsets ('*-call).

2.Pressing TALK or PROG key

TALK 0:00:01
HANDSET #1

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.

3.The call is terminated by pressing: TALK or placing the handset in the Base After terminating an internal call.

Call Toggling

Call Toggling - Handset

If a handset 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 to puts call on hold and shows new internal selection. Use up/down keys to scroll through list of registered handsets.

SELECT INTERCOM
HANDSET #1

2.Selecting internal number by pressing TALK, PROG or '1'-'4'.

TALK 1:35:06
HANDSET #1

3.The 'H' in the right hand side of the second line indicates having the external call on hold.

TALK 1:35:50
EXTERNAL CALL H

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.

TELEPHONE OPERATION

Call Transfer/Forward

Call Transfer/Forward - Handset

An incoming call can be transferred or forwarded to the other handset during an ongoing call. 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 - 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 onhook.

Conference

It is possible to establish a conference between two handsets and the external line.

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

Conference Establishment - Handset

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

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

3. If a handset 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

TELEPHONE OPERATION

TALK key is pressed on either handset.

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

Call Waiting

Call waiting on intercom - Handset

1.If the handsets 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 handset. 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.

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

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 - 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.

TELEPHONE OPERATION

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 PAGE key to stop paging from Base.
- 4.Press Talk key or '0'-'9',*,# to stop paging from Handset.

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 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 PROG 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 PROG 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 PROG, 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 PROG to confirm number and enter name edit mode.
- 5.Press DELETE or DOWN to erase right most character. A long

TELEPHONE OPERATION

Key	Character versus key press numbers								
		2	3	4	5	6	7	8	9
1	<i>space</i>	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	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								
*	*	?	!	/	(	)			
#	#	'	,	-	.	&			

DELETE key press erases the whole name.

6. Press PROG 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 PROG 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 PROG 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 PROG 4. times 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 PROG

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.

Out of Range

If you are talking on the telephone when the handset is too far from the base, you will hear 2 beeps from the handset. Move closer to the base, or the call will be

TELEPHONE OPERATION

disconnected . if you try to make a call when the handset is too far from the base, the handset will sound an error beep.

CALLER ID OPERATION

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 share the same call log.

Receiving a Call

After the first ring, the caller's name and telephone number will display on the LCD. The New Call icon will display until you review all of your new calls.

07:48PM 4/07
JOESMITH
9876543210

Receiving Call Waiting Caller ID

When you are on an existing phone call, your GH4000 will display incoming call waiting Caller ID information of the second caller.

1. You will hear a beep and the telephone will be muted momentarily while the LCD display shows the Caller ID information.

2. When you press the "FLASH" button to access the call, the display will show "12" and the call waiting Caller ID information.

IMPORTANT:

You must subscribe to Call Waiting and Call Waiting Caller ID service from your local telephone company in order to receive Call Waiting

Caller ID information.

Reviewing New Call Records

1. When the Time/Date screen is displayed, pressing the "CID" button will display the information for the oldest new call received.

2. Continue pressing "UP" or "DOWN" button to review all new call records in the order the calls were received.

When a name or phone number received exceeds 14 characters .

07:48PM 4/07
JOESMITH JUNNY>
9876543210

Reviewing All Call Records

1. After you have reviewed all of the new calls, press the "CID" button. The LCD display will show the oldest call received.

2. Continue to press "UP" button to display all records in the order they were received from the newest to the oldest, or press "DOWN" button to review from the oldest to the newest.

3. After the last call record is reviewed, the display will show "--END--".

Caller ID Redial

1. Press "UP" or "DOWN" button to select the Caller ID number that you want to dial.

CALLER ID OPERATION

2. Press REDIAL button, then press the TALK, it will dial out.

Caller ID DELETE

To Erase a Single Call

1. Press the "UP" or "DOWN" buttons to review the Caller ID records you received.

2. Press "DEL" button to erase the call displayed.

DELETE?

To Erase All Calls

1. Press the "UP" or "DOWN" buttons to review the Called ID records you received.

2. While reviewing a specific call, press and hold the DEL button for 2 seconds. The display will show "DELETE ALL?" on the bottom line.

CALL LOG
DELETE ALL?

3. Press the "PROG" (=YES) or cancel it with cancel (=NO)

To Store a Caller ID Record To Memory

1. The "UP" or "DOWN" buttons to select the Caller ID records you want to store in speed dial memory.

07:48PM 4/07
JOE SMITH
9876543210

2. Press the "PROG" button, Press UP and DOWN can revise the name, then Press PROG to store, and the display will show "STORE NAME"

STORE NAME?

3. In that time you can edit name

4. Press PROG button again, it will be stored into phonebook.

TROUBLESHOOTING

If your GH4000 is not performing to your expectations, please try these simple steps:

<i>Problem</i>	<i>Suggestion</i>
<i>Charge light won't come on when handset is placed in handset charger.</i>	• Make sure the AC Adapter is plugged into the handset charger and wall outlet. • Make sure the wall outlet is functioning. • Make sure the handset is properly seated in the handset charger. • Make sure the rechargeable battery pack is properly placed in the handset. • Make sure that the charging contacts on the handset and on the handset charger are clean.
<i>No dial tone.</i>	• Charge the handset for 10 hours before initial use. • Place the handset back into charger for 5 seconds. • Make sure the handset is fully charged. The CHARGE LED should light when the handset is in the charger.
<i>Can't make outgoing calls.</i>	• 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 dialing service.
<i>Handset doesn't ring.</i>	• 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 AC adaptor is plugged into the base unit and wall outlet. • Make sure the wall outlet 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

<i>Problem</i>	<i>Suggestion</i>
<i>Caller's voice is too low.</i>	• Set the ▲ button on the handset to a higher level.
<i>Conversation is interrupted frequently. Or Static noise is present during conversation.</i>	• Move closer to the base. • Make sure the base antenna is in the upright position.
<i>Handset does not display any Caller ID messages.</i>	• 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 information will not be completely received. • See suggestions in the "Handset does not ring" section.
<i>Unit is not receiving Call Waiting Caller ID calls.</i>	• 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.
<i>Telephone numbers are not dialed correctly from the caller list.</i>	• 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).

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 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 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>

Speed Dialing Numbers Index

LOCATIONNUMBER	LOCATIONNUMBER
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.: 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 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, return 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 removed 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 than 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 EVENT 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 8:30a.m. - 12:30p.m. EST

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