## IMPORTANT SERVICE INFORMATION

Read this manual before attempting to setup or use this instrument. It contains important information regarding safe installation and use. Keep this manual for future reference. Also save the carton, packaging and proof of purchase to simplify and accelerate any needed action.

## ⚠ WARNING

To prevent fire or shock hazard, do not expose this product to rain or any type of excess moisture. If it is accidentally dropped into water, the AC adapter should immediately be unplugged from the wall along with the telephone line cord.

**THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.**

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# UA23324H

## CARTON CONTENTS

- UA23324H Base and Handset
- Rechargeable Ni-Mh Battery Pack
- Telephone Line Cord
- AC Adaptor
- User's Manual (English and Spanish)
- Warranty Card
- Pay N' Talk Quick Start and Service Guides
- My Account Card (English and Spanish)
- Privacy Statement

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**The contents of this package, and the functions of your particular unit, may vary slightly from the features explained in this manual.**

**SAVE THESE INSTRUCTIONS**

⚠ **IMPORTANT SAFETY INSTRUCTIONS**

When 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 bathtub, 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 should never 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 abused by persons walking on it.
9.  Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

2                                                                 080306A-1

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 the product.

11. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified service contractor when some service or repair work is required. 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. Improper adjustments of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    E.  If the product has been dropped or the cabinet has been damaged.
    F.  If the product exhibits a distinctive change in performance.

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

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

### ⚠ INSTALLATION PRECAUTIONS

1.  Never install telephone wiring 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.

## ⚠ <u>MAINTENANCE</u>

1. Use a damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.
2. Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.

## ⚠ <u>CAUTION</u>

There is the risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instruction. Read and follow these instructions:

1. Use only the 2.4V, 600mAh, Ni-Mh battery pack.
2. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. 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.
4. Exercise care in handling the battery in order not to short the battery with conducting material such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
5. Recharge only the battery provided with or identified for use with this product. The battery may leak corrosive electrolyte or explode if it is not the correct type.
6. Do not attempt to rejuvenate the battery provided with or identified for use with this product by heating them. Sudden release of the battery electrolyte may occur, causing burns or irritation to eyes or skin.
7. When inserting the battery into this product, the proper polarity or direction must be observed. Reverse insertion of batteries can cause charging that may result in leakage or explosion.
8. Do not store this product, or the battery provided with or identified for use with this product, in high-temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be stabilized at room temperature prior to use after cold storage.

9. Disconnect telephone lines before installing batteries

## SAVE THESE INSTRUCTIONS

## ⚠ FCC NOTICE

The FCC requires that you be advised of certain requirements involving the use of this telephone.

1. This telephone is hearing aid compatible.
2. This equipment complies with 47 CFR Part 68 requirements. On the bottom of this equipment is a label that contains, among other information, the ACTA registration number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.
3. 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 number is called. In most, but not all areas, the sum of the RENs of all devices 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 call your local telephone company to determine the maximum REN for your calling area.
4. If your telephone 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 is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.
5. Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper function of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
6. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.).

7.    USOC jack type is RJ11C and the compatible jack is part 68 compliance.
**NOTICE:** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this [equipment ID] does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

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.

Changes or modifications not expressly approved in writing by Northwestern Bell Phones may void the user's authority to operate this equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 needed.
.    Consult the dealer or an experienced radio/TV technician for help.

For a handset that has the potential to be used in a body worn configuration and has been tested and certified with a specific accessory device(s):

For body worn operation, this handset has been tested and meets the FCC RF exposure guidelines when used with the (manufacturer name) accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.
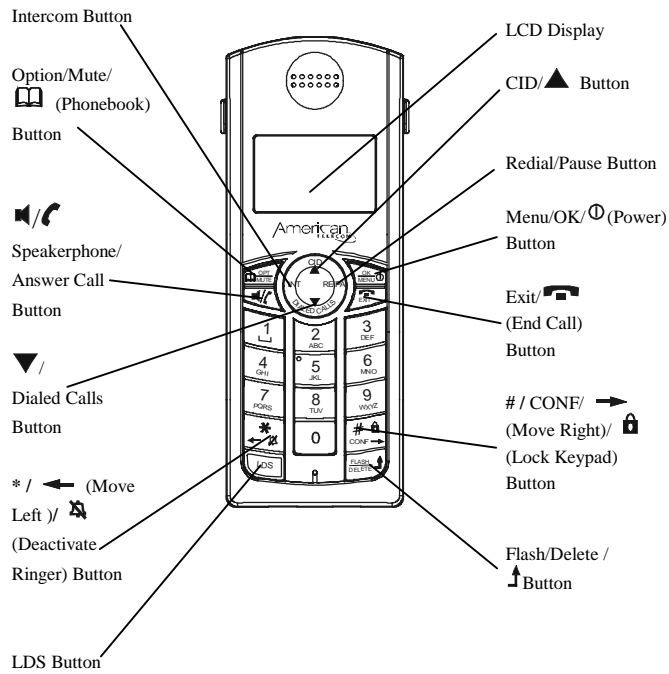
**SAR STATEMENTS:**
1. The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment, under 47 CFR 2.1093 paragraph (d) (2).
2. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
3. The DECT 6.0 Cordless Phone has been tested to the FCC exposure requirements (Specific Absorbtion Rate).

AC ADAPTOR: Use only with Class 2 Transformer, 6VDC output, 250mA, center pin positive.

# UA23324H CONTROLS DIAGRAM

Intercom Button

Option/Mute/
📖 (Phonebook)
Button

◀/📞
Speakerphone/
Answer Call
Button

▼/
Dialed Calls
Button

* / ⬅ (Move
Left )/ 🔕
(Deactivate
Ringer) Button

LDS Button

LCD Display

CID/▲ Button

Redial/Pause Button

Menu/OK/⏻ (Power)
Button

Exit/📞
(End Call)
Button

# / CONF/ ➡
(Move Right)/ 🔒
(Lock Keypad)
Button

Flash/Delete /
⬆ Button

# UA23324H CONTROLS DIAGRAM

LINE Jack

DC 6V Jack

DC 6V Jack

CHARGE LED Indicator

PAGE Button

IN USE/CHARGE
LED Indicator
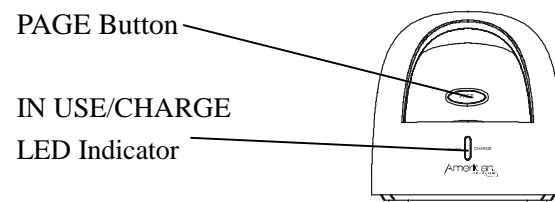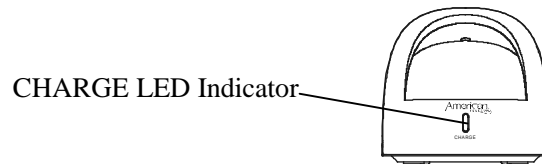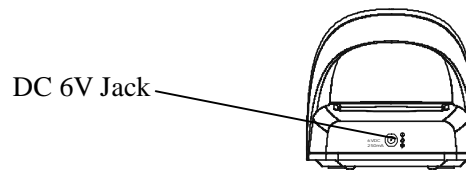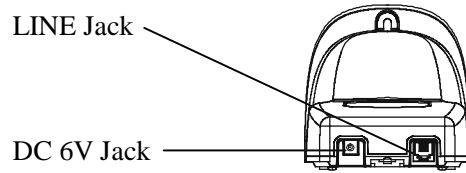
## DESCRIPTIONS

*Handset Controls:*

**LCD Display** - Shows call information, phone status, prompts and Phonebook items.

**MENU/OK/ ⏻(Power) Button** - Press to access the program menu. Press to confirm a selection during menu operation. Press and hold to switch power off.

**OPT/MUTE/ 📖 Button** - Allows you to change the format of displayed number. In talk mode, this button allows you to temporarily disable the handset microphone. The LCD Display will show "MUTE". This button is used to access the phonebook.

**EXIT / ☎ Button** – This key is used to exit all modes of operation and return the handset and base unit to the idle mode. Press to end a call.

**📢/📞 Button** - Press to switch the speakerphone on or off. Press to make or answer a call.

**INT (Intercom) Button** - Use this to set up a conference call with an external line and an internal handset, to set up an internal call with another handset, or to transfer an incoming call to another handset.

**Re(Redial)/Pa(Pause) Button** – (Redial) Press to redial the last number you dialed. (Pause) Press to insert pause while dialing.

**CID/ ▲Button** – Reviews the caller list from idle mode scrolling up through lists and menu options. Increases the earpiece volume during a call.

**DIALED CALLS/ ▼Button** – The UA23324H can save the last 10 dialed numbers. Review the redial list from idle mode. Scrolls down through lists and menu options. Decreases the earpiece volume during a call.

**\* / ⬅ / 🔕 Button** - Used to temporarily change the dialing mode from Pulse to Tone when dialing in the Pulse mode. Press to move left on the large LCD Display. When the phone rings, you can press the 🔕 Button to deactivate the coming ringer. In this situation, press any keypad to activate the ringer.

**# /🔒/CONF (CONFERENCE)/➡ Button** - Press to lock and unlock the keypad at standby mode. Press to activate 3-way conference. Press to move right on the large LCD Display.

**FLASH/DELETE /↥ Button** - Sends a hook flash to access custom calling features such as Call waiting or Three-way calling provided by you local phone company. Press to delete items. Press to return to the previous menu. In standby mode to delete the MSG (✉) icon.

**Microphone** - Used for speaking with callers.

**LDS Button** - Press to use the Pay N'Talk Long Distance Service.

*BASE UNIT CONTROLS:*
**Base Unit Charge Terminals** - Used for charging handset batteries. We recommend that you clean these contacts periodically with an alcohol-moistened cloth or cotton swab.

**IN USE/CHARGE LED Indicator** - Flash when the phone is in talk mode and Lights up when the handset is not in use. It will flash when paging the handset. It lights up when the handset is being charged on the base.

**PAGE Button** - Allows you to locate the handset when it is not on the base. Press and hold to enter to the base registration mode.

**DC 6V jack** - A jack located on the rear side of the base unit used for connecting the AC adaptor to the base unit.

**TEL LINE jack** – Accepts the line cord for connection to the telephone outlet.

## INSTALLATION

⚠️ **CAUTION**: USE ONLY THE Ni-Mh BATTERY TYPE INCLUDED WITH THIS UNIT. USE OF OTHER BATTERY TYPES MAY CAUSE INJURIES OR DAMAGE.

1. Remove the battery compartment cover of the handset by pressing the top of the cover and sliding it down.
2. Connect the Ni-Mh battery pack plug along the slot into the handset's battery connector as shown below.



Ni-Mh Battery Pack

Red Wire

Black Wire
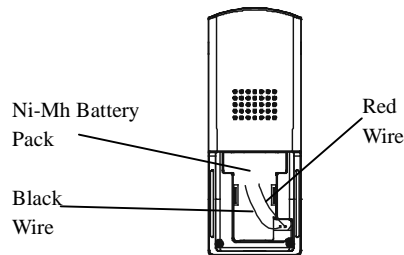
(Figure 1)

3. Insert the Ni-Mh battery into the battery compartment.
4. Replace the battery compartment cover by sliding it up towards the handset.

**NOTE:** Use the type and size of Ni-Mh battery pack, 2.4V, 600mAh. It is recommended that the Ni-Mh battery pack should be fully charged overnight prior to initial use.

**Belt Clip Installation**

With the back of the handset facing up, insert one side of the belt clip hook into the matching slots at the top side of the handset as shown in Figure 2. Slide the other hook until it locks into place from the opposite side of the handset.

Belt clip hook
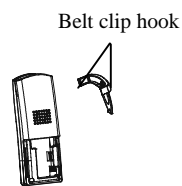
(Figure 2)

**WALL USE:**

*Wall Mounting (Standard Wall Jack)*

1.   Install the wall mount bracket at the position as shown in Figure 3.
2.   Connect the short telephone line cord to the TEL LINE jack.
3.   Connect the opposite end of the telephone line cord to the modular wall jack.
4.   Align the wall mounting slots with studs located on the modular wall plate and slide base down to lock in place.

Wall Mount Stud

Telephone Modular Jack

Wall Mount Stud

Wall Mount Bracket
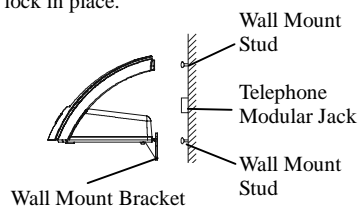
(Figure 3)

*Wall Mounting (No Standard Wall Jack)*

1.   Drill two holes with a vertical distance between the two marked positions of $3^{15/16}$"    100mm    as shown in Figure 4.

3 15/16"
(100mm)
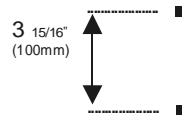
(Figure 4)

2. Drive a screw into each of the holes. Tighten them to the end of the screw lines, only leaving the smooth part of the screw head outside the wall.
3. Place the unit onto the screws, then slide it down firmly to fasten the base securely.

**Uninstalling the Wall Mount Bracket**

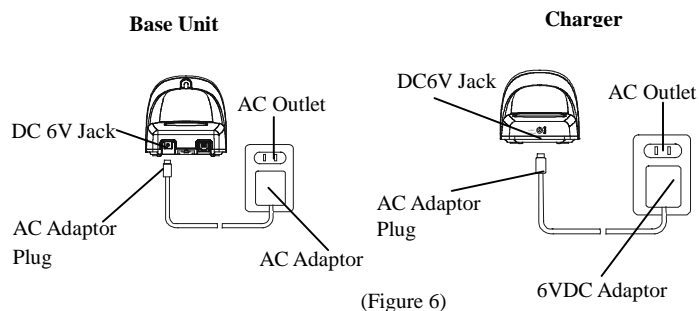To remove the wall mount bracket from the base unit, pull it forward as shown in Figure 5.
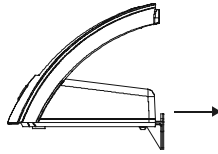


(Figure 5)

## POWER CONNECTION

⚠ **CAUTION:** You must use a Class II, 120 Volt AC/6 Volt DC adaptor that delivers at least 250mA for base unit and 250mA for charger. The center tip must be positive and the plug must correctly fit the base unit's DC 6V 250mA jack and fit the charger DC 6V 250mA jack.

1. Plug the AC adaptor into a standard AC outlet.
2. Insert the small plug into the DC 6V 250mA jack on the rear of the base unit and Insert the small plug into the DC 6V 250mA on the rear of the charger as shown in Figure 6.

**Base Unit**                                  **Charger**

DC 6V Jack
AC Outlet
DC6V Jack
AC Outlet
AC Adaptor
Plug
AC Adaptor
Plug
AC Adaptor
6VDC Adaptor

(Figure 6)

## INITIAL SETUP

Please follow these steps before using the cordless telephone for the first time.

1. Ensure that the handset battery pack is installed and charged fully (for at least 14 hours initially)
2. Ensure that all connections (line cord and adapter cord) are properly inserted into the rear of the base unit.


## TELEPHONE OPERATION

**To Place a Long Distance Call**
**LDS (Long Distance Service) Button**
**Access Pay N' Talk Prepaid long distance service from every handset**

1. Pick up the handset and press the green LDS access key.
2. The phone automatically goes off-hook and you are connected to the Pay N" Talk Long Distance platform.
3. Dial the long distance number that you wish to call as follows:

For U.S. domestic (regional and national), dial 1+ (area code) + (phone number)
For international calls, dial 011+ (country code) + (city code) + (phone number)

When finished your call, press the 📞 button.

**REGISTERING THE HANDSET (NOTE: Maximum of 5 handsets can be linked to the same base unit; Maximum of 4 bases per handset)**

You can purchase additional handsets (5 handsets can be registered) for use with many of this telephone's features. Make sure the battery is connected and the base is powered on before starting the operation.

1.  Press and hold the PAGE button on the base unit until the base IN USE LED Indicator flash.
2.  Press the MENU/OK button.
3.  Press the ▲ or ▼ button to select " REGISTER".
4.  Press the MENU/OK button.
5.  Press the telephone keypad button to select desired base number. The LCD will show "SEARCHING NUMBER".
6.  When the handset has been successfully registered, the Pin code screen will be displayed, pin number should be entered. **The factory preset pin number is "0000".** The tone will be sounded and the Base assigns a number to the Handset.

**NOTE:** When you want to add a new extension handset, you must register the new handset on the base unit.

**INTERCOM FUCTION**

1.  In idle mode, press the INTERCOM button on the handset, and then enter the handset number that you want to call. The internal called handset will ring.
2.  To answer the intercom call, press the ◀/☎ button on the called party handset.
3.  To end intercom mode, press the ☎ button

**Note:** After the intercom call is established between two handsets, the third handset can still make or answer a call to the external line.

**CALL TRANSFER**

You can transfer an external call from on handset to another handset.

1.  During an external call, press the INTERCOM button and the corresponding handset number that you want to transfer.

2. The external call is put on hold and the internal called handset rings.
3. After the internal called handset has answered, press the 🕾 button to hang up your handset to complete the call transfer.

**Note:** If the internal called handset does not answer the internal call with 30 sec, the handset will return to the external call again.

**CONFERENCE CALL**

When you are on an external call, you can invite another internal handset to join your conversation. A 3-way conference can be established using the following procedure.

1. During a call, press the INT button and corresponding handset number that you want to call.
2. The external call is put on hold and the internal called handset rings.
3. After the internal called handset has answered, you can press the CONF button to activate 3-way conference call.

**Note:** During a conference call, either handset can hang up and it will not effect the conversation between another handset and the external call.

**HANDSET POWER ON/OFF**

**To power off the handset:**

Press and hold the ① Button for about 3 seconds. The display of the handset will switch off, which can prolong the use time of the handset.

**To power on the handset:**

Press and hold the ① Button for about 3 seconds, then the display will return to idle mode.

**KEYPAD LOCK**

1. Press the MENU/OK button.
2. Press the 🔒 button to lock keypad.

**TO UNLOCK KEYPAD**

1. Press the MENU/OK button.
2. Press the 🔒 button to unlock keypad.

**A. PLACE A CALL**

1. Pick up the handset and press the ◀/📞 button. The LCD Display will show " 📞 ".
2. Listen for a dial tone.
3. Dial the telephone number. The phone numbers appear on the LCD Display as you enter the number.
4. When finished with your call, press the 📞 button. The base IN USE LED indicator will light up steadily.

**B. PLACE A CALL WITH SPEAKERPHONE**

1. Press the ◀/📞 Button twice for speaker mode. The base unit IN USE LED indicator will flash.
2. Listen for a dial tone.
3. Dial the telephone number. The phone numbers appear on the LCD Display as you enter the number.
4. When finished with your call, press the 📞 button. The base IN USE LED indicator will light up steadily.

**C. ANSWER A CALL**

1. When the phone rings, the LCD Display will show " CALL", press the ◀/📞 button on the handset.
2. Start your conversation.
3. To end your conversation, press the 📞 button.

**D. ANSWER A CALL WITH SPEAKERPHONE**

1. When the phone rings, the LCD Display will show "CALL", press the ◀/📞 button twice on the handset for speaker mode.
2. Start your conversation.
3. To end your conversation, press the 📞 button.

*If the handset is on the base:*

1. When the phone rings, the LCD Display will show "CALL", simply pick up the handset from the base cradle if the unit is set to auto-answer ON mode. If the unit is set to auto-answer OFF mode, and then press the

■/✆ button on the handset. The base unit IN USE LED Indicator will flash.

2. Start your conversation.
3. To end your conversation, press the ☎ button, the base IN USE LED Indicator will light up steadily.

**DIAL ONE OF 10 REDIAL NUMBERS**
1. Press the DIALED CALLS button.
2. Press the ▲ or ▼ button to scroll through to the previously called numbers.
3. Press the ■ / ✆ button. The selected number will be dialed automatically.

**LAST NUMBER REDIAL**
*A.  AFTER HEARING A BUSY TONE WHEN PLACING A CALL*
1. If you get a busy tone, press the handset ■/✆ button to hang up.
2. Press the handset ■/✆ button again and listen for a dial tone.
3. Press the handset RE/PA button. This will automatically redial the last telephone number you called (up to 32 digits).
4. When finished with your call, press the ☎ button or place the handset on the base unit. The base IN USE LED indicator will light up steadily.

*B.  WHEN THE HANDSET IS OFF THE BASE UNIT AND IN IDLE MODE*
1. Press the ■/✆ button on the handset and listen for a dial tone.
2. Press the RE/PA button. This will automatically redial the last telephone number that you called (up to 32 digits).
3. When finished with your call, press the ☎ button or place the handset on the base unit. The base IN USE LED indicator will light up steadily.

**PAUSE FUNCTION**
• In some cases, such as PABX or long distance service, a pause may be needed in the dialing sequence. Pressing the handset RE/PA button inserts the programmed time interval between dialed numbers.

**FLASH FUNCTION**

- Used to access custom calling features such as Call Waiting or Three-Way Calling provided by your local phone company. Flash can also be used to restore a dial tone to make a new call.

**LOW BATTERY WARNING**

- When the handset battery voltage level is low, the "BATTERY LOW" icon will flash. When the battery is full, all cells will be shaded on the icon.
- Return the handset on the base cradle to charge.

**NOTE:** If the battery is low during a call, a warning beep will be emitted every 90 seconds to alert the user.

**PAGING FUNCTION**

- If you have misplaced the handset or need to alert a person near the handset, press the PAGE button on the base unit. Each press of this button will activate the handset to beep for 60 seconds while the LCD Display shows "PAGING…" and the base IN USE LED Indicator will start to blink. Press again to stop.

**NOTE:** Even if the handset is in RING OFF mode, the base unit can page the handset.

**OUT OF RANGE INDICATION**

If your phone has registered and is in range of the base, the ⅄ icon on the LCD screen will display steadily. When your handset goes out of range, the communication link will be lost temporarily. The ⅄ icon will flash.

If you go back in range again, the communication link will restore and ⅄ icon will display steadily.

## MENU Structure

**CALL LOG**
- RECEIVED → CID BOOK → ADD TO PB / DELETE / DELETE ALL
- DIALED → LIST

**PHONE BOOK**
- LIST
- ADD ITEM → NAME? → NUMBER? → MELODY → MELODY1-12
- CHANGE ITEM
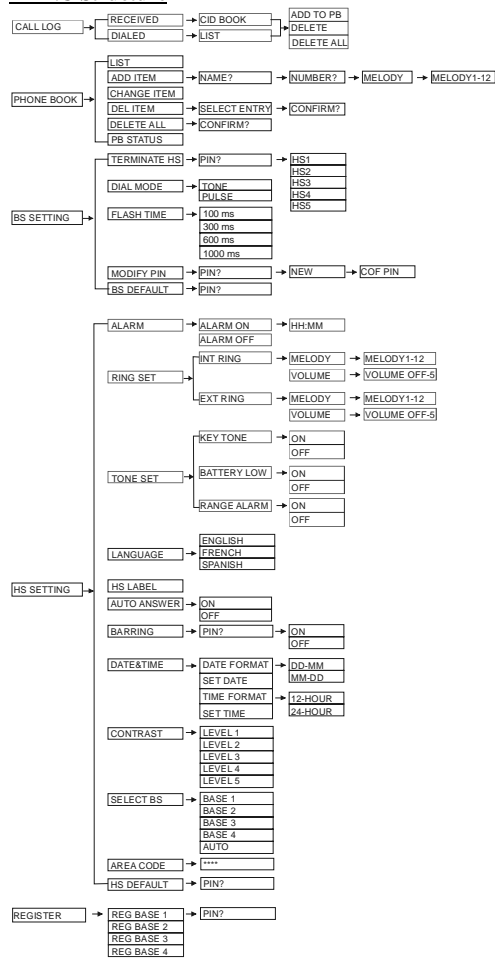- DEL ITEM → SELECT ENTRY → CONFIRM?
- DELETE ALL → CONFIRM?
- PB STATUS

**BS SETTING**
- TERMINATE HS → PIN? → HS1 / HS2 / HS3 / HS4 / HS5
- DIAL MODE → TONE / PULSE
- FLASH TIME → 100 ms / 300 ms / 600 ms / 1000 ms
- MODIFY PIN → PIN? → NEW → COF PIN
- BS DEFAULT → PIN?

**HS SETTING**
- ALARM → ALARM ON → HH:MM / ALARM OFF
- RING SET
  - INT RING → MELODY → MELODY1-12 / VOLUME → VOLUME OFF-5
  - EXT RING → MELODY → MELODY1-12 / VOLUME → VOLUME OFF-5
- TONE SET
  - KEY TONE → ON / OFF
  - BATTERY LOW → ON / OFF
  - RANGE ALARM → ON / OFF
- LANGUAGE → ENGLISH / FRENCH / SPANISH
- HS LABEL
- AUTO ANSWER → ON / OFF
- BARRING → PIN? → ON / OFF
- DATE&TIME
  - DATE FORMAT → DD-MM / MM-DD
  - SET DATE
  - TIME FORMAT → 12-HOUR / 24-HOUR
  - SET TIME
- CONTRAST → LEVEL 1 / LEVEL 2 / LEVEL 3 / LEVEL 4 / LEVEL 5
- SELECT BS → BASE 1 / BASE 2 / BASE 3 / BASE 4 / AUTO
- AREA CODE → ****
- HS DEFAULT → PIN?

**REGISTER** → REG BASE 1 / REG BASE 2 / REG BASE 3 / REG BASE 4 → PIN?

## CALLER ID OPERATION

**GETTING TO KNOW YOUR NEW PHONE**

**IMPORTANT:** Subscription to Caller ID (CID)/Call Waiting ID services from your local phone company is required for using the Caller ID/Call Waiting ID features of the UA23324H. Your new UA23324H telephone gives you the ultimate in cordless telephone sound quality with the luxury of Caller ID and Call Waiting ID.

If this is your first cordless telephone, you will soon discover that your cordless is similar to regular telephones, except without the cord. If you have owned a cordless telephone in the past, you will discover that the UA23324H telephone is the most powerful and full-functioned Call Waiting ID cordless telephone on the market, some key features are:

- 40 name and number Caller ID/Call Waiting ID memory(Call List)
- 50 name and number programmable memory (Phonebook)
- Hearing – aid compatibility

Unlike regular telephones, your cordless telephone does not work during power failures. We do not recommend that you use a cordless telephone as the only phone in your residence.

**INTRODUCTION TO CALLER ID AND CALL WAITING ID**

The UA23324H Caller ID/Calling Waiting ID devices allow you to take advantage of the Caller identification delivery service offered by your local telephone company. For more information, you can refer to the following Question and Answer table:

| QUESTIONS | ANSWERS |
|---|---|
| **What is Caller ID?** | Caller ID is a device that identifies the calling party before you answer a call. This device can be used to screen unwanted calls and eliminate harassment from annoying calls. |
| **What is Caller Waiting ID?** | Call Waiting ID is a device that can also identifies the call waiting party before you answer a call. |
| **How does Caller ID and Call Waiting ID** | When used with Caller ID/Call Waiting service, the Caller ID/Call Waiting ID device displays the |

| work? | name (if available), and the telephone number (if available) of the person calling before you answer your telephone. |
|---|---|
| **Who provides Caller ID service?** | Your local telephone company. However, not all local telephone companies provide Caller ID service. Please call you local phone company to confirm that the service is available before you install the device. |
| **How can I activate my Caller ID?** | For your Caller ID unit to function, you must first arrange with your local telephone company to have Caller ID/Call Waiting ID service installed on you line. There is an extra charge added to your monthly telephone bill for this service. Before using this unit, please read instruction manual carefully. |

**RECEIVING A NEW CALL**

- When you receive a new call, the call information is stored in the CALLER ID List. The "NEW NUMBER" segment of the LCD Display shows the number of calls not yet reviewed.

- When you receive a call, the system displays the caller information sent by the telephone company, called a Call Record. The Call Record consists of the following information:
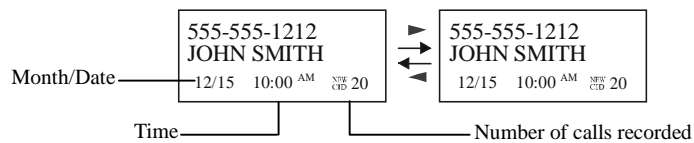
  a. The caller's telephone number
  b. The caller's name(if available)
  c. The date and time of the call

  555-555-1212
  JOHN SMITH
  12/15   10:00 $^{AM}$ $_{CID}^{NEW}$ 20

- If there are no call records, the LCD display shows "EMPTY" by pressing the CID button.

**VIEWING THE CALLER ID LIST**

1. In idle mode, press the CID button to enter Caller ID list. If there is a new call(s), the new call(s) will be displayed first.

```
         ┌─────────────────────┐    ►┌─────────────────────┐
         │ 555-555-1212        │     │ 555-555-1212        │
         │ JOHN SMITH          │  ⇄  │ JOHN SMITH          │
Month/Date── 12/15  10:00 AM  NEW 20 │    ◄│ 12/15  10:00 AM  NEW 20 │
         └─────────────────────┘     └─────────────────────┘
              Time─┘           └───────────Number of calls recorded
```

2.  Press the ▲ or ▼ button to scroll to the next call. The ▼ button
    will go through the calls from the last call received to the first. The ▲
    button will allow you to view the calls from the first call received to the
    last.
3.  Press the ⤒ button to finish.

**NOTE:** If no active buttons are pressed for 20 seconds, the LCD Display will
automatically return to idle mode.

**CALL WAITING**

When you subscribe to Call Waiting service from your local telephone
Company, this telephone will display the name and number of the second caller
while you are having a conversation.

1.  If a second call comes in while you are having a conversation, you will
    hear a notification tone from the handset and volume is momentarily
    muted. The LCD Display will automatically show the name and number of
    the second caller.
2.  Press the FLASH button to answer the second caller.
3.  When you are finished, press the FLASH button to continue your
    conversation with the first caller.

**MESSAGE WAITING**

When the Caller ID receives the Message Waiting signal from your local phone
company, the ✉ icon on the LCD panel will be flashed. The ✉ icon will
turn off after you have reviewed your messages. Message Waiting is an optional,
extra service provided by your local phone company.

**Delete the MESSAGE(✉) ICON**

1.  In standby mode, press the FLASH/DELETE/⤒ button. The LCD will

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show "DEL MESSAGE?".
2.   Press the MENU/OK Button to delete message icon.

**PLACING A CALL FROM THE CALLER LIST**
1.   Press the CID button.
2.   Press the ▲ or ▼ button to select the call record you wish to call back.
Each press of OPTION button will change the format of display as follow.
7 – digit: 7digit phone number
10 – digit: 3 digit area code + 7 digit phone number
11 – digit: long distance code "1" + 3 digit area code + 7 digit phone number.
3.   Press the ◀/𝒞 button to dial out.
4.   To end your conversation, press the ☎ button.

**SAVING THE NAME AND NUMBER FROM THE CALLER LIST INTO PHONE BOOK**
1.   Press the MENU/OK button
2.   Press the ▲ or ▼ button to select "CALL LOG".
3.   Press the MENU/OK button
4.   Press the ▲ or ▼ button to select "RECEIVED".
5.   Press the MENU/OK button twice.
6.   Press the ▲ or ▼ button to scroll the call record you wish to store.
7.   Press the MENU/OK button.
8.   Press the ▲ or ▼ button to select "ADD TO PB".
9.   Press the MENU/OK button three times to confirm.
10.  Press the ▲ or ▼ button to select the Melody 1-12.
11.  Press the MENU/OK button to confirm.
12.  Press the ☎ button to return to Idle Mode.

**SELECTIVE DELETING IN THE CALLER LIST**
1.   Press the MENU/OK button
2.   Press the ▲ or ▼ button to select "CALL LOG".
3.   Press the MENU/OK button
4.   Press the ▲ or ▼ button to select "RECEIVED".

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5. Press the MENU/OK button twice.
6. Press the ▲ or ▼ button to scroll the call record you wish to delete.
7. Press the MENU/OK button.
8. Press the ▲ or ▼ button to select "DELETE".
9. Press the MENU/OK button to confirm. The LCD will show "CONFIRM?".
10. Press the MENU/OK button to confirm.
11. Press the ☎ button to return to Idle Mode.

**DELETING ALL RECORDS IN THE CALLER LIST**
1. Press the MENU/OK button
2. Press the ▲ or ▼ button to select "CALL LOG".
3. Press the MENU/OK button
4. Press the ▲ or ▼ button to select "RECEIVED".
5. Press the MENU/OK button twice.
6. Press the MENU/OK button.
7. Press the ▲ or ▼ button to select "DELETE ALL".
8. Press the MENU/OK button to confirm. The LCD will show "CONFIRM?".
9. Press the MENU/OK button to confirm.
10. Press the ☎ button to return to Idle Mode.

**PHONEBOOK SETTING**
**SAVING IN THE PHONEBOOK**
1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " PHONE BOOK"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "ADD ITEM".
5. Press the MENU/OK button. The LCD will show "NAME?".
6. Use the TELEPHONE KEYPAD button (0-9) to enter the name; (see the "TELEPHONE KEYPAD CHARACTERS SETTING" section) you can store up to 12 characters.
7. Press the MENU/OK button. The LCD will show "NUMBER?"
8. Enter the telephone number using the TELEPHONE KEYPAD button

(0-9). You can store up to 20 digits.

9. Press the MENU/OK button. The melody name is displayed, the ringer tone will also be sounded. The default name to be displayed is "Melody 1". The user can move through the melody options using the ▲ or ▼ button.

10. Press the MENU/OK button to confirm.

**NOTE:** If there are no memory locations left in the phonebook, the unit will display "PB FULL". To continue with memory programming, you must delete or edit existing speed dial numbers. If no active buttons are pressed for 20 seconds, the LCD Display will automatically return to idle mode.

**TELEPHONE KEYPAD CHARACTERS**

The TELEPHONE KEYPAD buttons (0-9) are used to enter the characters when entering names. Press the appropriate KEYPAD button to get the following characters.

| KEYPAD BUTTON | CHARACTERS |
|---|---|
| 1 | SPACE _ |
| 2 | A B C 2 |
| 3 | D E F 3 |
| 4 | G H I 4 |
| 5 | J K L 5 |
| 6 | M N O 6 |
| 7 | P Q R S 7 |
| 8 | T U V 8 |
| 9 | W X Y Z 9 |
| 0 | 0 |

For example, if you want to enter the character "C", press the "2" KEYPAD button. The first character displayed will be "A".   Press the "2" button again to display "B", and press the "2" button again to display the letter "C".

**VIEWING THE PHONEBOOK**

This Phonebook lets you scroll through the list to find the person you need for

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one touch dialing. You can store up to 50 names and telephone numbers in the Memory.

1. Press the 📖 button.
2. Press the ▲ or ▼ button to find the one you need.

| 6045551212<br>ALEX BROWIN | ►<br>—<br>◄ | 6045551212<br>ALEX BROWIN |
|---|---|---|

**NOTE:** To exit the Phonebook at anytime, Press the ⤒ button.

**EDITING NAME AND NUMBER IN THE PHONEBOOK**
1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " PHONE BOOK"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " CHANGE ITEM"
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select desired change.
7. Press the MENU/OK button
8. Press the TELEPHONE KEYPAD button to edit the name.

| ALEX BROWIN |
|---|

▢ cursor is blinking

To erase, press the DELETE button to remove previous letter.
To add, use the TELEPHONE KEYPAD buttons (0-9).
9. Press the MENU/OK button to edit the number.
10. Press the TELEPHONE KEYPAD button to edit the number you want to change.

| 6045551212 |
|---|

▢ cursor is blinking
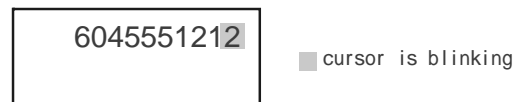
To erase, press the DELETE button to remove previous number.

To add, use the TELEPHONE KEYPAD buttons (0-9).

11. Press the MENU/OK button. The melody name is displayed, the ringer tone will also be sounded. The default name to be displayed is the "Melody 1". The user can move through the melody options using the ▲ or ▼ button.

12. Press the MENU/OK button to confirm.

**NOTE:** When no active buttons are pressed for 20 seconds, the LCD Display will automatically return to idle mode.

**PLACING CALLS FROM THE PHONEBOOK**

1. Press the 📖 button.
2. Press the ▲ or ▼ button to find the contact you want to call.
3. Press the ◀/✆ button to dial out the telephone number.
4. Start your conversation.
5. To end your conversation, press the ☎ button.

**NOTE:** Be sure to check that the line is not in use by another extension.

**DELETING A STORED NUMBER**

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " PHONE BOOK"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " DEL ITEM"
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select desired deletion.
7. Press the MENU/OK button The LCD will show "CONFIRM?".
8. Press the MENU/OK button to confirm.
9. Press the ☎ button to return to Idle Mode.

**DELETING A STORED NUMBER**

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " PHONE BOOK"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " DELETE ALL"

5. Press the MENU/OK button The LCD will show "CONFIRM?"
6. Press the MENU/OK button to confirm.
7. Press the ☎ button to return to Idle Mode.

**PB STATUS**

This function allows the user to see how many entries in the phone book are occupied. On entering the function, the user will see the number of entries.
1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " PHONE BOOK"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " PB STATUS"
5. Press the MENU/OK button to see how many entries.
6. Press the ☎ button to return to Idle Mode.

**BS SETTING**

**TERMINATE BS SETTING**

This function allows the user to delete a handset registration from the base.
1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " BS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " TERMINA HS"
5. Press the MENU/OK button.
6. Enter the PIN number.
7. Press the MENU/OK button.
8. Press the keypad button according to handset number of LCD display.
9. Press the ☎ button to return to idle mode.

**DIAL MODE SETTING**

The user can select to change the mode in which the base will dial.
1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " BS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " DIAL MODE"
5. Press the MENU/OK button.

6.  Press the ▲ or ▼ button to select TONE or PULSE.
7.  Press the MENU/OK button to confirm.
8.  Press the ☎ button to return to idle mode.

**FLASH TIME SETTING**
The user can select to change the Flash Time.
1.  Press the MENU/OK button.
2.  Press the ▲ or ▼ button to select " BS SETTING"
3.  Press the MENU/OK button.
4.  Press the ▲ or ▼ button to select " FLASH TIME"
5.  Press the MENU/OK button.
6.  Press the ▲ or ▼ button to select 100MS, 300MS, 600MS or 1000MS.
7.  Press the MENU/OK button to confirm.
8.  Press the ☎ button to return to idle mode.

**MODIFY PIN SETTING**
This function allows the user to change the pin number of the currently active Base.
1.  Press the MENU/OK button.
2.  Press the ▲ or ▼ button to select " BS SETTING"
3.  Press the MENU/OK button.
4.  Press the ▲ or ▼ button to select " MODIFY PIN"
5.  Press the MENU/OK button.
6.  Enter the PIN NUMBER. **(The factory default is "0000")**
7.  Press the MENU/OK button. The LCD will show "NEW PIN".
8.  Enter the new pin number.
9.  Press the MENU/OK button. The LCD will show "COF PIN".
10. Enter the new pin number again.
11. Press the MENU/OK button to confirm.
12. Press the ☎ button to return to Idle mode.
**Note:** The PIN number is very important. If you lost the PIN number, you can't restore to the factory default setting.

**BS DEFAULT SETTING**

This function allows the user to restore the Base setting to the factory default.

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select " BS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " BS DEFAULT"
5. Press the MENU/OK button.
6. Enter the modified PIN NUMBER.
7. Press the MENU/OK button to confirm.


**HS SETTING**

**ALARM SETTING**

The alarm feature can alert you at a set time. When the alarm is alerting, your handset ring for 30 seconds. To stop the alarm, simply press any key on the handset.

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select " ALARM"
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select ALARM ON.
7. Press the MENU/OK button to set ALARM TIME.
8. Press the telephone keypad button to enter the hour and minute.
9. Press the MENU/OK button to confirm.
10. Press the 📞 button to return to idle mode.


**ALARM OFF**

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "ALARM".
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select "ALARM OFF".
7. Press the MENU/OK button to confirm.

8.	Press the ☎ button to return to idle mode.

**RING SET**

The user is able to change the settings for the Handset ringing on Internal Calls. The user is able to adjust the internal ring volume from the range of volume levels available. The user is able to change the settings for the Handset ringing on External Calls. The user is able to adjust the external ring volume from the range of volume levels available.

1.	Press the MENU/OK button.
2.	Press the ▲ or ▼ button to select "HS SETTING"
3.	Press the MENU/OK button.
4.	Press the ▲ or ▼ button to select "RING SET".
5.	Press the MENU/OK button.
6.	Press the ▲ or ▼ button to select "INT RING" or "EXT RING".
7.	Press the MENU/OK button.
8.	Press the ▲ or ▼ button to select "MELODY" or "VOLUME".
9.	Press the MENU/OK button.
10.	Press the ▲ or ▼ button to select "MELODY 1-12". Press the ▲ or ▼ button to select Volume OFF, 1, 2,3,4,5.
11.	Press the MENU/OK button to confirm.
12.	Press the ☎ button to return to idle mode.

**TONE SET**

A beep will sound when a key is pressed on the handset. A beep will sound then the battery is low. A beep will sound then the Handset is out of range of the Base.

1.	Press the MENU/OK button.
2.	Press the ▲ or ▼ button to select "HS SETTING"
3.	Press the MENU/OK button.
4.	Press the ▲ or ▼ button to select "TONE SET".
5.	Press the MENU/OK button.
6.	Press the ▲ or ▼ button to select KEY TONE, BAT LOW or RANGE ALM.
7.	Press the MENU/OK button.

8.  Press the ▲ or ▼ button to select ON or OFF.
9.  Press the MENU/OK button.
10. Press the ☎ button to return to idle mode.

**LANGUAGE SETTING**

This telephone offers ENGLISH, FRENCH, SPANISH languages for your convenience.

1.  Press the MENU/OK button.
2.  Press the ▲ or ▼ button to select "HS SETTING"
3.  Press the MENU/OK button.
4.  Press the ▲ or ▼ button to select "LANGUAGE".
5.  Press the MENU/OK button.
6.  Press the ▲ or ▼ button to select desired language.
7.  Press the MENU/OK button to confirm.
8.  Press the ☎ button to return to idle mode.

**HS LABEL SETTING**

1.  Press the MENU/OK button.
2.  Press the ▲ or ▼ button to select "HS SETTING"
3.  Press the MENU/OK button.
4.  Press the ▲ or ▼ button to select "HS LABEL".
5.  Press the MENU/OK button.
6.  Use the TELEPHONE KEYPAD button (0-9) to enter the name. The handset name is limited to 12 characters.
7.  Press the MENU/OK button to confirm.
8.  Press the ☎ button to return to idle mode.

**AUTO ANSWER SETTING**

1.  Press the MENU/OK button.
2.  Press the ▲ or ▼ button to select "HS SETTING"
3.  Press the MENU/OK button.
4.  Press the ▲ or ▼ button to select "AUTO ANS".
5.  Press the MENU/OK button.
6.  Press the ▲ or ▼ button to select ON or OFF.

7. Press the MENU/OK button to confirm.
8. Press the 📞 button to return to idle mode.

**BARRING SETTING**

The Handset can be set to disable external outgoing calls. The user is able to select enable/disable for this feature. Note that internal calls to intercom or conference will still be available.

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "BARRING".
5. Press the MENU/OK button.
6. Enter the PIN NUMBER.
7. Press the MENU/OK button.
8. Press the ▲ or ▼ button to select ON or OFF.
9. Press the MENU/OK button to confirm.
10. Press the 📞 button to return to idle mode.

**DATE&TIME SETTING**

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "DATE&TIME".
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select "DATE FORM", "SET DATE", "TIME FORM" or "SET TIME".
7. Press the MENU/OK button to confirm.
8. **DATE FORM SETTING** - Press the ▲ or ▼ button to select "DD-MM" or "MM-DD". **SET DATE** - Use the telephone keypad to enter the date. **TIME FORM SETTING** - Press the ▲ or ▼ button to select 12-HOUR or 24-HOUR. **SET TIME** - Use the telephone keypad to enter the time.
9. Press the MENU/OK button to confirm.
10. Press the 📞 button to return to idle mode.

**CONTRAST SETTING**

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "CONTRAST".
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select level 1, 2, 3, 4, 5.
7. Press the MENU/OK button to confirm.
8. Press the ☎ button to return to idle mode.

**SELECT BASE SETTING**

This function allows the user to select a base from those already registered to the handset.

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "SELECT BS".
5. Press the MENU/OK button.
6. Press the ▲ or ▼ button to select "BASE 1, 2, 3, 4 or AUTO".
7. Press the MENU/OK button to confirm.

**AREA CODE SETTING**

This function allows user to set a different area code for CID incoming call display. (Max 4 digits). This feature can hide the area code that you specify, so when a local call is incoming, you will only see the 7 digit telephone number without the area code, even call back the number as 7 digits in caller ID.

1. Press the MENU/OK button.
2. Press the ▲ or ▼ button to select "HS SETTING"
3. Press the MENU/OK button.
4. Press the ▲ or ▼ button to select "AREA CODE".
5. Press the MENU/OK button. The LCD will show " AREACODE SET".
6. Use the telephone keypad button to enter AREA CODE.
7. Press the MENU/OK button to confirm.
8. Press the ☎ button to return to idle mode.

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**HS DEFAULT SETTING**

This function allows the user to restore the Handset settings to the factory default.

1.  Press the MENU/OK button.
2.  Press the ▲ or ▼ button to select "HS SETTING"
3.  Press the MENU/OK button.
4.  Press the ▲ or ▼ button to select "HS DEFAULT".
5.  Press the MENU/OK button. The LCD will show " PIN?".
6.  Use the telephone keypad button to enter PIN NUMBER.
7.  Press the MENU/OK button to confirm.

## SECURITY CODING

1.  The length of the handset security code is 16 bytes, i.e. 128 bits.
2.  The length of the base security code is 16 bytes, i.e. 128 bits.
3.  The total number of possible discrete digital codes are $2^{128}$. This is equal to about 3.4 x 1038 different combinations.
4.  Each handset or base unit has a unique security code.
5.  Generation of the security code is by employing a sequential fixed approach. During manufacing, the code will be generated and programmed into the EEPROM of the unit.

## SELECTED CHANNEL

The unit may prescan available channels and store the detected power levels in memory to facilitate fast selection of a channel when access is required. Since some amount of time is required for a complete scan, the stored power level for a selected channel may have "aged' since the measurement was taken. The unit is therefore required to remonitor the selected channel immediately prior to transmission.

## 68,719,476,736 COMBINATION SECURITY CODING

The cordless telephone has a digital coding security system to prevent unauthorized use of your telephone line by other cordless phones nearby. The cordless telephone has 68,719,476,736 possible security code combinations.

Each combination of the code is randomly generated by factory equipment.

## IMPROVING CORDLESS RECEPTION

Follow these guidelines to improve cordless sound quality:

- Select an area to install the unit where it is closest to the center of your home or office. This will improve the operating range of the unit.
- Keep the base unit away from electrical equipment. Radio Frequency Interference (RFI) is sometimes generated by these appliances, which can cause degradation in cordless reception.
- Keep the handset batteries charged as much as possible. Weak handset batteries can limit the range of cordless operation.

## MAXIMIZING BATTERY LIFE

Repeated use or recharge of Ni-Mh batteries without periodic full discharge results in reduced useable charge time. When you notice the usable charge duration decreasing, fully discharge the Ni-Mh battery and recharge as described:

**DISCHARGING**

1. Unplug the telephone line cord from the UA23324H.
2. Make sure that the adapter is connected.
3. Lift the handset out of the base cradle.

When the handset battery voltage level is low, the "BATTERY LOW" icon will flash. Let it fully discharge for 14 hours. Once the Ni-Mh battery is fully discharged, you should now charge the battery to its full capacity.

**CHARGING**

1. Make sure the adapter and telephone line cord are connected to the UA23324H.
2. Place the handset on the base cradle. The CHARGE LED indicator of the base unit will light steadily.
3. Leave the handset charging on the base for 14 hours continuously to get a maximum charge.
4. The UA23324H is now ready for regular use. Discharge and charge the Ni-Mh battery again once you notice a decrease in the useable charge time.

## MAINTENANCE

1.  Your phone should be situated away from heat sources such as radiators, heaters, stoves or any other appliance that produces heat.
2.  Use a slightly damp cloth to clean the plastic cabinet. A mild soap will help to remove grease or oil. Never use polish, solvents, abrasives or strong detergents since these can damage the finish.

## TECHNICAL INFORMATION

This cordless phone uses radio frequencies to allow mobility. There are certain difficulties in using radio frequencies with a cordless telephone. While these are normal, the following could affect the operation of your system.

**NOISE:** Electric pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electric equipment such as light dimmers, fluorescent bulbs, motors, and fans also generate noise pulses. Because radio frequencies are susceptible to these noise pulses, you may occasionally hear them in your handset. Generally, they are minor annoyances and should not be interpreted as defects in your system.

**RANGE:** Because radio frequencies are used, location of the base unit can affect operating range. Try several locations in your home or business and pick the one that gives you the clearest signal.

**INTERFERENCE:** Some electronic devices operate in and/or generate interference near the operating frequencies of your cordless telephone. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals cause interference. If interference occurs frequently, it can be minimized or eliminated by lowering the height of your base antenna or by relocating the base unit. You can check for interference before selecting the final base unit location by plugging in the phone.

# TROUBLESHOOTING

## A. TELEPHONE UNIT TROUBLESHOOTING TABLE

| SYMPTOM | SOLUTION |
|---------|----------|
| No dial tone | • Check the telephone line cord connectors at both ends to see that they are pushed in firmly until they click.<br>• If you had a power failure or unplugged the base unit, replace the handset on the base unit for two to five seconds to reset the system. |
| Does not ring | • Check the RINGER mode on the handset. For normal use, set to RING 1,2,3,4. The handset will not ring in OFF mode.<br>• Check the telephone line cord connectors at both ends to see that they are pushed in firmly until they |

| | |
|---|---|
| | click. |
| | • You may have exceeded the Ringer Equivalence Number (REN) limit of how many phones can be connected to the same line. The REN total of all devices (printed on the bottom label of each unit) should not exceed five (5). Disconnect the appropriate units to lower the REN total. |
| No power on the handset unit | • Check the Ni-Mh battery pack for proper connection inside the battery compartment on the handset.<br>• The handset rechargeable Ni-Mh pack may need charging. |
| Does not charge | • Check the Ni-Mh battery pack for proper connection inside the battery compartment on the handset.<br>• Make sure the charging contacts on both the base unit and the handset are in contact during charging.<br>• The charging contacts and terminals may need cleaning with an alcohol-dampened swab. |
| Range is limited | • Move the base unit so that it is centrally located in your residence or office and make sure that the base unit is not located near appliances.<br>• The handset Ni-Mh battery may be weak. Recharge the Ni-Mh battery.<br>• Refer to the section "Improving Cordless Reception". |
| Calls received flutters or fades | • The handset rechargeable Ni-Mh battery pack may need charging. |
| Interference on reception | • Refer to the section "Improving Cordless Reception". |
| Excessive static | • Refer to the section "Improving Cordless Reception". |

**B. CALLER ID SYSTEM TROUBLESHOOTING TABLE**

| SYMPTOM | SOLUTION |
|---|---|
| The Caller ID display is blank | • Check the power connection.<br>• Check the telephone line cord connections.<br>• Check the batteries for proper installation. |
| The Caller ID does not show the caller's name and/or phone number | • The Caller ID unit will not function until you have Caller ID service provided by your local phone company. Call your local phone company to have Caller ID activated onto your telephone line<br>• If you pick up the phone before the second ring, the caller information will not be correctly received. If you have a telephone answering device (TAD) connected to the unit, set the TAD |

| | |
|---|---|
| | to answer after two rings or more. |
| | • If it is a blocked call or an out-of-area call, the caller's name and/or phone number will not appear on the display. |
| | • If only the caller's phone number appears on the display, it may be a Single Data Message Format (SDMF) call, as opposed to a Multiple Data Message Format (MDMF) call. Please call your local phone company to see which service you have. |
| Random characters and/or "NO DATA" appear on the LCD display | • On rare occasions, the Caller ID information sent by the telephone company may have an error in the transmission. This is not the fault of your Caller ID unit. It can only capture and store the data that was received. |
| Cannot get Call Waiting identification on the LCD panel | • Subscription to Caller ID Call Waiting (CIDCW) service is required from your local phone company for the CIDCW function to operate properly. Call you local phone company for details. |

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**AC ADAPTOR: USE ONLY WITH CLASS 2 POWER SOURCE, OUTPUT 6VDC, 250mA.**

 **THIS SYMBOL IS INTENDED TO ALERT THE USER OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE OWNER'S MANUAL.**

IDT Customer Services can be contacted by calling 1-888-757-6545, 7 days a week, 24 hours a day.

If you believe your phone is defective or missing components, please contact ATS Customer Service at 1-888-928-7746, Monday – Friday, 9 am to 5 pm PT.

**LIMITED WARRANTY**

This limited warranty only applies to the use of this device with a communications service for which it is designed. This device alone does not provide the customer with any communications service and requires a separate subscription to a communications service from a service provider. Altering service provider-specific settings may void the warranty. This limited warranty does not warrant that the device will be free of any limitations of voice quality or service caused by (1) the services provided by the customer's underlying

communications service provider; or (2) interference from other radio frequencies or transmissions, static electricity, and other electronic devices.

**What Does Our Warranty Cover?**

Our warranty covers any defect in material and workmanship.

**How Long Does the Warranty Coverage Last?**

The warranty lasts for one year following the date of purchase and is available to the original purchaser only. Implied warranties, including those of fitness for a particular purpose and merchantability, are limited to one year from the date of purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

**What Does This Warranty Not Cover?**

This limited warranty does not apply to any defect or failure other than a manufacturing defect, and, without limiting the generality of the foregoing, does not apply to any defect caused by damage in transit, retailer handling or customer handling. This warranty also does not cover batteries; damage from misuse, neglect or acts of nature; products which may be have been modified or incorporated into other products; products purchased and/or operated outside of the US, its territories, or Canada; products serviced by the owner or a service facility not expressly authorized by American Telecom Services, Inc.; products purchased in "AS IS" condition, or products purchased as "Distressed Merchandise."

**What Will American Telecom Services, Inc. Do?**

Your sole remedy for any breach of this limited warranty is to obtain a repaired or replacement device at our option, by following the return procedures set forth below. You may include with the returned device a letter stating that you are returning the device for warranty repair or replacement and stating the nature of

the defect. American Telecom Services, Inc. shall not be liable to you or any other party for any direct, indirect, general, special, incidental, consequential, exemplary or other damages arising out of the use or inability to use the product (including, without limitation, damages for loss of business profits, business interruption, loss of information or any other pecuniary loss), or from any breach of warranty. American Telecom Services, Inc. is not responsible for problems or damage caused by the interaction of the product with any other software or hardware. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Other than warranties expressly set forth in the documentation provided with the device, we make no warranties of any kind. This warranty is the complete and exclusive agreement between you and American Telecom Services, Inc. It supersedes all other written or oral communications related to this product. This warranty exclusively describes all of American Telecom Services, Inc.'s responsibilities regarding the product.

**How Do I Arrange For Service, Whether In Or Out Of Warranty?**

Call or email American Telecom Services, Inc. customer support for a Return Authorization at 1-888-928-7746 or support@atsphone.com.
Once you have done so, carefully pack your unit, including all of the accessories that were provided with your product. We recommend using the original carton and packing materials.

Include a copy of the sales receipt or other evidence of the date of your original purchase (if the purchase was within the last 12 months).

Print your name, address and telephone number, along with a description of the defect, and include this in the package.

Include payment for any service or repair not covered by the warranty, as determined by American Telecom Services, Inc.

**How Does State Law Apply?**

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

**More Service Information**

For service information, in and out of warranty, call American Telecom Services, Inc. Customer Support at:
1-888-928-7746

Returned Devices should be sent to:
American Telecom Services, Inc.
2466 Peck Road
City of Industry, CA 90601

American TELECOM

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