

**Uniden®**  
OWNER'S MANUAL

# 2.4GHz

EXTENDED RANGE WITH ONE TOUCH ROCKET DIAL™



**EXP 3240 SERIES**

# Introduction

The Uniden EXP3240 Series (EXP3240/EXP3241) 2.4GHz cordless phones are designed and engineered to exacting standards for reliability, long life, and outstanding performance.

**NOTE:** Some illustrations in this manual may differ from the actual unit for explanation purposes. The color of your cordless phone may vary.

- 2.4 GHz Extended Range Technology
- Pulse/Tone Dialing
- One Touch RocketDial™ Number
- Up to 7 Hours Talk Time
- 10-Number Memory Dialing
- Handset Volume Control
- AutoTalk™
- Up to 14 days Standby Time
- 20 Channel Autoscan
- 24 Digit Redial
- AutoStandby™
- Hearing Aid Compatible

## ▼ Features

The cordless phone features include **AutoTalk** and **AutoStandby**. **AutoTalk** allows you to answer a call by just removing the handset from the base so you don't have to waste time pushing buttons. **AutoStandby** allows you to hang up by simply returning the handset to the base.

The **UltraClear Plus™** true compander circuitry virtually eliminates background noise. This innovative technology, together with 20 different channels, provides you with the best possible reception during all your conversations.

To protect you against misbilled calls which might result from your phone being activated by other equipment, the cordless phone has **Random Code™** digital security which automatically selects one of approx. 262,000 digital security codes for the handset and base. Also, the **AutoSecure™** feature electronically locks your phone when the handset is in the base.

**RocketDial™** is a one-touch speed dial key that automatically dials your most important or frequently called number. The number dialed, is a preset number stored by the user.

**Be sure to visit our web site: [www.uniden.com](http://www.uniden.com)**

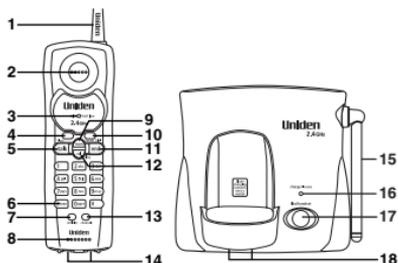
Uniden® is a registered trademark of Uniden America Corporation.

*AutoTalk, AutoStandby, UltraClear Plus, Random Code, AutoSecure, and RocketDial* are trademarks of Uniden America Corporation.



As an ENERGY STAR® Partner, Uniden has determined that this product or product models meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a U.S. registered mark.

## Controls and Functions



1. Handset antenna
2. Handset earpiece
3. **talk/batt low** LED - indicates when phone is in use or the battery is low
4. **flash** - accesses call waiting (if available)
5. **talk** - answers or places calls
6. **\*/tone** - switches to tone dialing in pulse dial mode
7. **redial/p** - redials the last number / adds a timed pause in a memory dialing sequence.
8. Handset Microphone
9. **mem** - enters or recalls numbers in memory
10. **RocketDial** - one touch priority key
11. **end** - hangs up a phone call / mutes the ringing tone temporarily
12. **vol/ring** - sets the ringer tone and earpiece volume
13. **channel** - selects another channel for clearer reception
14. Handset charging contacts
15. Base antenna
16. Charge / in use LED
17. **find handset** - locates the handset
18. Base charging contacts

# Included with Your Phone

- Base
- AC Adapter
- Rechargeable Battery
- Handset
- Telephone Cord

## Setting up the Phone

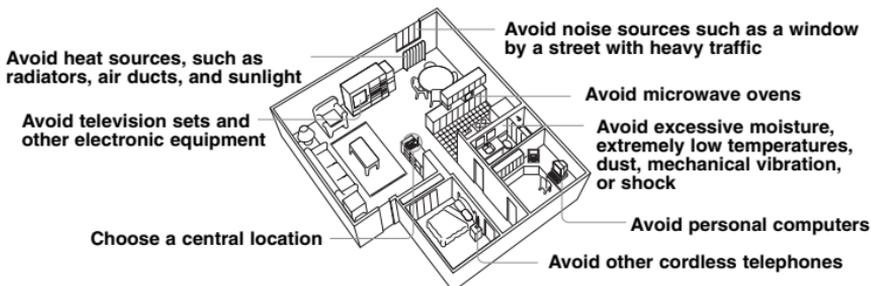
### Do the following steps:

- Choose the best location
- Install the rechargeable battery pack into the handset
- Connect the base unit
- Choose the dialing mode

### A. Choose the best location

Before choosing a location for your new phone, read the INSTALLATION CONSIDERATIONS included in the PRECAUTIONS AND IMPORTANT SAFETY INSTRUCTIONS.

Here are some important guidelines you should consider:



- Be sure there is sufficient space to raise the base antenna to a vertical position.
- The location should be close to both a phone jack and a continuous power outlet which is not switchable.
- Keep the base and handset away from sources of electrical noise such as motors and fluorescent lighting.
- The base can be placed on a desk, tabletop, or mounted on a standard wall plate.

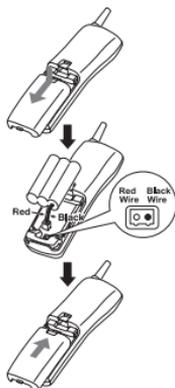
### B. Install the rechargeable battery pack into the handset

The handset is powered by a rechargeable battery pack. The battery recharges automatically when the handset is placed in the base unit.

**Charge the handset battery pack for at least 15-20 hours before using your new cordless telephone for the first time!** To maximize the charge capacity of your battery pack, DO NOT plug the telephone cord into the base unit and wall jack until the battery is fully charged.

**NOTE:** If your home has specially wired alarm equipment connected to the telephone line, be sure that installing the system does not disable your alarm equipment. If you have questions about what will disable your alarm equipment, contact your telephone company or a qualified installer.

- 1) Press down on the handset battery case cover (use the finger indentation for a better grip) and slide the cover downward to remove.
- 2) Plug the battery pack connector (red & black wires) into the small, black jack inside the battery compartment (the connector notches fit into the grooves of the jack only one-way). Match the wire colors to the polarity label in the battery compartment, connect the battery and listen for a click to insure connection.
- 3) Make certain you have made a good connection by slightly pulling on the battery wires to insure that there is a secure connection. If the battery connector is not securely connected, the handset will not charge properly.
- 4) Place the battery case cover back on the handset by sliding it upwards until it clicks into place.



- 5) Place the handset in the base with the keypad facing forward. Be sure there is sufficient space to raise the base antenna to a vertical position.

**NOTE:** • Use only the Uniden Battery (BT-905) supplied with your phone. Replacement batteries are also available through the Uniden Parts Department at (800) 554-3988, Monday thru Friday from 7:00 a.m. to 5:00 p.m. or online at [www.uniden.com](http://www.uniden.com)



## Battery use time (per charge)

From fully charged

- Up to seven hours continuous use
- Up to fourteen days when the handset is in the standby mode

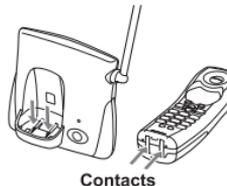
## Low Battery Alert

When the battery pack is very low and needs to be charged, the phone is programmed to eliminate functions in order to save power. If the phone is not in use, the **talk/batt low** LED flashes when the battery pack is low.

If the phone is in use, the **talk/batt low** LED flashes and the handset beeps. Complete your conversation as quickly as possible and return the handset to the base for charging.

## Cleaning the battery charging contacts

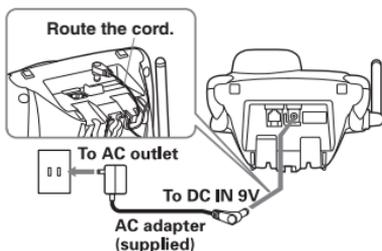
To maintain a good charge, it is important to clean the charging contacts on both the handset and base unit once a month. Use a dry cloth or a pencil eraser to clean. If the contacts become very dirty, using water only, dampen a cloth to clean the charging contacts. Then make sure to go back over the charging contacts with a dry cloth before returning the handset to the base to charge.



**NOTE:** Even when the battery pack is not being used, it will gradually discharge over a long period of time. For optimum performance, be sure to return the handset to the base unit after each telephone call.

## C. Connect the base unit

- 1) Connect the AC adapter to the **DC IN 9V** jack and a standard 120V AC wall outlet.
- 2) Wrap the cord inside the molded wiring channel as shown.
- 3) Set the base unit on a desk or tabletop, and place the handset in the base unit.
- 4) Make sure the **charge/in use** LED illuminates. If the LED does not illuminate, check to see that the AC adapter is plugged in and the handset makes good contact with the base charging contacts.



**NOTICE:** Place the power cord so it does not create a trip hazard or where it could become chafed and create a fire or electrical hazard.

**NOTE:** • Use only the supplied AD-446 AC adapter. Do not use any other AC adapter.

- Connect the AC adapter to a continuous power supply.
- Place the base unit close to the AC outlet so that you can unplug the AC adapter easily.

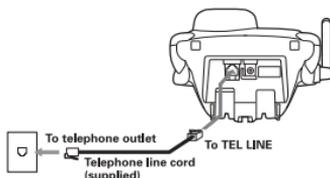
After installing the battery pack in the handset, charge your handset at least **15-20 hours before plugging into the phone line**. Once the handset battery pack is fully charged, connect the telephone line cord to the base and telephone wall outlet.

- 5) Connect the telephone line cord to the **TEL LINE** jack and a telephone outlet once the handset is fully charged.

**TIP:** If your telephone outlet isn't modular, contact your telephone company for assistance.



Modular



## D. Choose the dialing mode

Most phone systems use tone dialing which sends DTMF tones through the phone lines. However some phone systems still use pulse dialing such as in rural areas. The default setting is tone dialing. Depending on your dialing system, set the mode as follows:

- 1) Press and hold **flash** until you hear a confirmation tone.
- 2) To set the dial mode for pulse dialing, press **#**. Or to set the dial mode for tone dialing, press **\*/tone**. A confirmation tone sounds to indicate the setting is complete.
  - If you are not sure of your dialing system, set for tone dialing. Make a trial call. If the call connects, leave the setting as is, otherwise set for pulse dialing.
  - If your phone dialing system requires pulse dialing and you need to send DTMF tones for certain situations during a call, you may "switch-over" to tone dialing (Refer to "Tone Dialing Switch-over").

**NOTE:** Make sure your battery pack is fully charged before choosing the dial mode.

# Using Your Phone

## Making and Receiving Calls

	Handset On Base	Handset Off Base
Answer call	When the phone rings, remove the handset from the base (AutoTalk).	Press <b>talk</b> , any number key, <b>*/tone</b> , or <b>#</b> (AutoTalk).
Make call	<ol style="list-style-type: none"> <li>1) Remove the handset from the base and press <b>talk</b>.</li> <li>2) The <b>talk/batt low</b> LED flashes and turns on.</li> <li>3) Listen for the dial tone.</li> <li>4) Dial the number.</li> </ol>	<ol style="list-style-type: none"> <li>1) Press <b>talk</b>.</li> <li>2) The <b>talk/batt low</b> LED flashes and turns on.</li> <li>3) Listen for the dial tone.</li> <li>4) Dial the number.</li> </ol>
Hang up	Press <b>end</b> or return the handset to the base (AutoStandby).	
Redial	<ol style="list-style-type: none"> <li>1) Remove the handset from the base and press <b>talk</b>.</li> <li>2) Listen for the dial tone.</li> <li>3) Press <b>redial/p</b> to dial the last dialed number.</li> </ol>	<ol style="list-style-type: none"> <li>1) Press <b>talk</b>.</li> <li>2) Listen for the dial tone.</li> <li>3) Press <b>redial/p</b> to dial the last dialed number.</li> </ol>
Ringer Mute	None	Press <b>end</b> when ringing.

**NOTE:**

- The **redial/p** key redials the last number dialed.
- The redialed number can be up to 24 digits long.

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## Terminology

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Throughout this manual, terms such as Standby and Talk Mode are used. Below is the terminology explanation.

- **Talk Mode** - The handset is off the base and **talk** has been pressed enabling a dial tone.
- **Standby Mode** - The handset is not in use, off the base, and **talk** has not been pressed. A dial tone is not present.

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## Adjusting the Ringer and Earpiece Volume

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### Ringer tone

When the phone is in standby mode, pressing the **vol/ring** key on the handset selects the handset ringer tone. There are two ringer tones. Continue pressing the **vol/ring** key to listen to all tones. The phone keeps the last ringer tone setting selected.

### Earpiece volume

The handset earpiece volume settings (Low, Medium and High) can only be adjusted during a call. Press the **vol/ring** key repeatedly to select Low, Medium and High. When you hang up, the phone keeps the last volume setting selected.

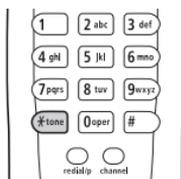
### Ringer Mute

The **end** key can be used to temporarily mute the ringer tone. When the handset is off the base and the phone is ringing, press the **end** key and the ringer tone will be temporarily silenced. The ringer tone will return to normal starting with the next incoming call.

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## Tone Dialing Switch-over

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Some telephone companies use equipment that requires pulse dialing (sometimes referred to as rotary dialing). If you need to enter tone dialing digits, you can switch-over to tone dialing during the call. For example, entering your bank account number after you have called your bank.

Initially make your call with the pulse dialing mode. Once your call connects, press **\*/tone**. Enter the desired number. These digits will be sent as tone dialing. This special number can be stored in a memory location. This is referred to as Chain Dialing. Once the call ends, the tone mode is canceled and pulse dialing mode resumes.

**NOTE:** The tone feature only applies when the dial mode is set to pulse.

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## Traveling Out-of-Range

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During a call, as you begin to move your handset too far from your base unit, noise increases. If you pass the range limits of the base unit, your call will terminate within 1 minute.

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## Selecting a Different Channel

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If you encounter interference while using your phone, you can manually change the phone's channel for clear operation. This function works only when the phone is in use.

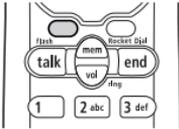
Press **channel**. The **talk/batt low** LED flashes, indicating the phone is changing to another channel.

## Page

To locate the handset (while it's off the base), press **find handset** on the base. The handset beeps for 60 seconds.

Paging is canceled when pressing any key, **find handset** on the base or return the handset to the base.

## Flash and Call Waiting



If you have "Call waiting" service and a call waiting tone sounds while you are on a call, press **flash** to accept the waiting call. There is a short pause, then you will hear the new caller. To return to the original caller, press **flash** again.

**NOTE:** You must subscribe through your local telephone company to receive Call Waiting Service.

## Storing a Phone Number in Memory

Your cordless phone has 1 RocketDial memory location and 10 additional memory locations for storing important telephone numbers. You can store your most frequent dialed number in the one-touch RocketDial location.

- 1) Remove the handset from the base.
- 2) Press **mem**. The **talk/batt low** LED flashes.
- 3) Enter the phone number, up to 20 digits. If a pause is needed during the dialing sequence, press **redial/p** to insert a pause. Each pause counts as a digit and represents a two second delay in time between digits as they are sent.
- 4) Press **mem** again.

To actually store a number in it's designated location;

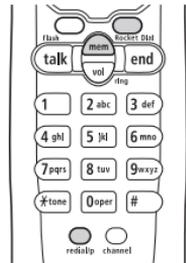
- 5) Press **RocketDial**.

or

- 5) Press memory location (**0-9**) on the keypad to store a number.

A tone indicates that the number is stored. If you enter a number in a location that has a previously stored number it will overwrite the existing number without warning.

- NOTES:**
- The pause button counts as one digit. Pressing **redial/p** more than once increases the length of pause between numbers.
  - You have 30 seconds after pressing **mem** to enter the number you wish to store. Otherwise, the handset will beep rapidly.
  - Memory location for the RocketDial is independent from the memory location for Memory Dial.



## Dialing a Stored Number

### Using the memory location features

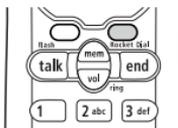
- 1) Press **talk**, then press **mem**.
- 2) Enter the memory location (**0-9**) on the keypad. The stored number automatically dials.

**NOTE:** If you select a memory location that does not have a stored number, the handset will beep rapidly and the phone will not dial.

## One-touch RocketDial

Your phone is equipped with “One-touch RocketDial” for instant dialing. It is used to dial the phone number stored in the one-touch RocketDial location (See “Storing a Phone Number in Memory”).

To instantly dial the phone number stored in the one-touch RocketDial location, simply press **RocketDial**. (There is no need to press **talk**. The phone will automatically dial). If you press **RocketDial** and a phone number is not stored in the one-touch RocketDial location, the phone will beep rapidly and will not dial.



## Chain Dialing

The memory locations on the handset are not limited to phone numbers. You can also store a group of numbers (up to 20 digits) that you need to enter once your call connects. This is referred to as Chain Dialing.

An example of this is a bank account number. Once you have called your bank, and are prompted to enter the account number, simply press **mem** and the location number (**0-9**) where the special number has been stored.

Store your special number in memory as you would store a phone number (Refer to “Storing a Phone Number in Memory”).

## Erasing a Stored Number from Memory

- 1) Remove the handset from the base unit.
- 2) Press **mem** twice.
- 3) Press **RocketDial** or the memory location (**0-9**). A tone indicates that the stored number is erased from memory.

## Changing the Digital Security Code

The digital security code is an identification code used to connect the handset and the base unit. Normally, setting the code is not necessary.

The first time you charge your handset, the security code is automatically set. In the rare situation that you suspect another cordless telephone is using the same security code, you can change the code.

- 1) Remove the handset from the base unit. Press and hold **find handset** on the base.
- 2) The handset begins emitting a paging sound. While holding **find handset** for at least 3 seconds, place the handset in the base unit. The paging sound stops. Leave the handset in the base for more than 3 seconds. A new random security code is set.

**NOTE:** If the handset battery pack is completely discharged or the battery pack is removed, the digital security code will be lost. If this happens, a new security code is set automatically next time the battery pack is charged.

# Troubleshooting

If your cordless telephone is not performing to your expectations, please try these simple steps.

**NOTE:** Do not attempt to service this unit yourself. Servicing must be performed by qualified personnel.

Symptom	Suggestion
The <b>charge/in use</b> LED won't illuminate when the handset is placed in the base.	<ul style="list-style-type: none"> <li>• Make sure the AC adapter is plugged into the base and a wall outlet.</li> <li>• Make sure the handset is properly seated in the base.</li> <li>• Make sure that the charging contacts on the handset and on the base are clean.</li> </ul>
The audio sounds weak and/or scratchy.	<ul style="list-style-type: none"> <li>• Move the handset and/or base to a different location away from metal objects or appliances and try again.</li> <li>• Press <b>channel</b> to help eliminate background noise.</li> </ul>
Can't make or receive calls.	<ul style="list-style-type: none"> <li>• Check both ends of the telephone line cord.</li> <li>• Make sure the AC adapter is plugged into the base and a wall outlet.</li> <li>• Make sure that the base antenna is in the vertical position.</li> <li>• Disconnect the AC adapter for a few minutes, then reconnect it.</li> <li>• Change the digital security code (See page 7).</li> <li>• Make sure that the handset is not too far from the base.</li> </ul>
Handset doesn't ring or receive a page.	<ul style="list-style-type: none"> <li>• The Nickel-Cadmium battery pack may be weak. Charge the battery for 15-20 hours.</li> <li>• The handset may be too far away from the base.</li> <li>• Place the base away from appliances or metal objects.</li> <li>• Change the digital security code (See page 7).</li> </ul>
Severe noise interference	<ul style="list-style-type: none"> <li>• Keep the handset away from microwave ovens, computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances.</li> <li>• Move to another location or turn off the source of interference.</li> </ul>
If you still have a problem	<ul style="list-style-type: none"> <li>• Call our customer hotline at 1-800-297-1023</li> </ul>

## Liquid Damage

Moisture and liquid can damage your cordless phone. In case of accidental submersion, please read the following steps.

Case	Action
If the handset or base is exposed to moisture or liquid, but only affects the exterior plastic housing.	Wipe off the liquid and use as normal.
If moisture or liquid has entered the plastic-housing (i.e. liquid can be heard in the phone or liquid has entered the handset battery compartment or vent openings on the base).	<p>Handset:</p> <ol style="list-style-type: none"> <li>1. Remove the battery cover and leave it off for ventilation.</li> <li>2. Remove the battery pack by disconnecting.</li> <li>3. Leave the battery cover off and the battery pack disconnected for at least 3 days.</li> <li>4. Once completely dry, reconnect the battery pack and the battery cover.</li> <li>5. Recharge the handset's battery pack for 20 hours in the base unit before using the phone.</li> </ol> <p>Base:</p> <ol style="list-style-type: none"> <li>1. Disconnect the AC adapter from the base unit, cutting off electrical power.</li> <li>2. Disconnect the telephone cord from the base unit.</li> <li>3. Let dry for at least 3 days.</li> </ol> <p><b>IMPORTANT:</b> You must <b>unplug the telephone line while recharging the battery pack</b> to avoid charge interruption.</p> <p><b>CAUTION:</b> DO NOT use a microwave oven to speed up the drying process. This will cause permanent damage to the handset, base and the microwave oven. After following these steps, if your cordless telephone does not work, please send to:</p> <p>Uniden America Corporation Parts and Service Division 4700 Amon Carter Blvd. Ft. Worth, TX 76155 1-800-554-3988. Monday through Friday 8 a.m. to 5 p.m. CST</p>

## Precautions!

Before you read anything else, please observe the following:

### Warning!

Uniden America Corporation DOES NOT represent this unit to be waterproof. To reduce the risk of fire, electrical shock, or damage to the unit, DO NOT expose this unit to rain or moisture.

## Rechargeable Nickel-Cadmium Battery

### Warning

- This equipment contains a rechargeable nickel-cadmium battery.
- Cadmium is a chemical known to the State of California to cause cancer.
- The rechargeable nickel-cadmium battery contained in this equipment may explode if disposed of in a fire.
- Do not short-circuit the battery.
- Do not charge the rechargeable nickel-cadmium battery used in this equipment in any charger other than the one designed to charge this battery as specified in the owner's manual. Using another charger may damage the battery or cause the battery to explode.

## Rechargeable Nickel-Cadmium Batteries Must Be Recycled or Disposed of Properly

- Uniden voluntarily participates in an RBRC® industry program to collect and recycle nickel-cadmium batteries at the end of their useful life, when taken out of service within the United States. The RBRC® program provides a convenient alternative to placing used nickel-cadmium batteries into the trash or municipal waste stream, which is illegal in some areas.
- Through the RBRC® program, Uniden makes it easy for you to drop off the used battery at local retailers of replacement nickel-cadmium batteries. You may also contact your local recycling center for information on where to return the used battery. Please call 1-800-8-BATTERY for information on Ni-Cd battery recycling in your area. Uniden's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.
- RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Uniden works to reduce lead content in our PVC coated cords in our products and accessories.

**WARNING:** The cords on this products and/or accessories contain lead, a chemical known to the State of California to cause birth defects or other reproductive harm. *Wash hands after handling.*

## Important Safety Instructions

When using your telephone equipment, these basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons:

- Read and understand all instructions.
- Follow all warnings and instructions marked on the product.
- Unplug this product from the wall outlet before cleaning. Use a dry cloth for cleaning without liquid or aerosol cleaners.
- 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.
- Do not place this product on an unstable cart, stand, or table. The telephone may fall, causing serious damage to the unit.
- Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect the product from overheating, these openings must not be blocked or covered. 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.
- 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.
- 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.

- Do not overload wall outlets and extension cords, as this can result in the risk of fire or electrical shock.
- 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.
- To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when 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.
- Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - When the power supply cord is damaged or frayed.
  - If liquid has been spilled into the product.
  - If the product has been exposed to rain or water.
  - If the product does not operate normally when following the operating instructions. (Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive repair work by a qualified technician.)
  - If the product has been dropped or the cabinet has been damaged.
  - If the product exhibits a distinct change in performance.
- Do not use the telephone to report a gas leak in the vicinity of the leak.

## Additional Battery Safety Precautions

**Caution!** To reduce the risk of fire or injury to persons by the battery, read and follow these instructions:

- Use only the Uniden battery pack specified in the owner's manual.
- Do not dispose of the battery pack in a fire. The cell may explode. Check the nickel-cadmium battery disposal package insert for disposal instructions.
- Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling the battery 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 battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the owner's manual provided for this product.
- Observe proper polarity orientation between the battery pack and battery charger.

## SAVE THESE INSTRUCTIONS!

## Important Electrical Considerations

Unplug all electrical appliances when you know an electrical storm is approaching. Lightning can pass through your household wiring and damage any device connected to it. This phone is no exception.

## The FCC Wants You To Know

Changes or modifications to this product not expressly approved by Uniden, or operation of this product in any way other than as detailed by the owner's manual, could void your authority to operate this product. Your telephone complies with Part 68 of FCC Rules. You must, upon request, provide the FCC registration number and the REN to your telephone company. Both numbers are on the base unit.

- NOTE:** You must not connect your phone to:
- coin-operated systems
  - most electronic key telephone systems

## Range

Your new phone is designed to achieve the maximum possible range by transmitting and receiving according to the highest specifications set forth by the FCC. We have rated this phone to operate at a maximum distance with the qualification that the range depends upon the environment in which the telephone is used. Many factors limit range, and it would be impossible to include all the variables in our rating. The Maximum Range rating of this phone is meant to be used as a means of comparison against other range claims.

## Telephone Line Problems

The FCC has granted the telephone company the right to disconnect service in the event that your phone causes problems on the telephone line. Also, the telephone company may make changes in facilities and services which may affect the operation of your unit. However, your telephone company must give adequate notice in writing prior to such actions to allow you time for making necessary arrangements to continue uninterrupted service.

If you are having trouble with your telephone service, you must first disconnect your phone to determine if it is the cause of your problem. If you determine that it is the cause, you must leave it disconnected until the trouble has been corrected.

## Radio Interference

Radio interference may occasionally cause buzzing and humming in your cordless handset, or clicking noises in the base. This interference is caused by external sources such as TV, refrigerator, vacuum cleaner, fluorescent lighting, or electrical storm. Your unit is NOT DEFECTIVE. If these noises continue and are too distracting, please check around your home to see what appliances may be causing the problem. In addition, we recommend that the base not be plugged into a circuit that also powers a major appliance because of the potential for interference. Be certain that the antenna on the unit is fully extended when needed.

In the unlikely event that you consistently hear other voices or distracting transmissions on your phone, you may be receiving radio signals from another cordless telephone or other source of interference. If you cannot eliminate this type of interference, you need to change to a different channel.

Finally, it should be noted that some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

## More Than One Cordless Telephone

If you want to use more than one cordless telephone in your home, they must operate on different channels. Press the channel key to select a channel that provides the clearest communication.

## Cordless Telephone Privacy

Cordless telephones are radio devices. Communications between the handset and base of your cordless telephone are accomplished by means of radio waves which are broadcast over the open airways. Because of the inherent physical properties of radio waves, your communications can be received by radio receiving devices other than your own cordless telephone unit. Consequently, any communications using your cordless telephone may not be private.

## Installation Considerations

### Selecting a Location

Before choosing a location for your new phone, there are some important guidelines you should consider:

- The location should be close to both a phone jack and continuous power outlet. (A continuous power outlet is an AC outlet which does not have a switch to interrupt its power.)
- Keep the base and handset away from sources of electrical noise such as motors or fluorescent lighting.
- Be sure there is sufficient space to fully extend the base antenna.
- The base can be placed on a desk or tabletop or mounted on a standard telephone wall plate.
- You should charge your new phone for 15-20 hours before completing the installation or using the handset.

### Telephone Line Outlets

There are two types of phone outlets:

#### Modular Jack

Most phone equipment available now uses modular jacks. Phone cords are fitted with a molded plastic connector which plugs into this type of jack. If you do not have modular phone jacks, contact your local telephone company for information about their installation.

#### Hardwired Jack

Some equipment is wired directly to a phone jack, and these types of installations require a modular jack converter. This type of installation is not difficult; however, you should contact your Uniden telephone dealer or a telephone supply store for advice about the proper adapter or converter for your particular situation.

## Connecting the Telephone Cords

Consider these safety guidelines before connecting the telephone cords:

### Caution!

- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected.
- Use caution when installing or modifying telephone lines.

### Applying Power to the Base

This phone requires an AC outlet, without a switch to interrupt power, and the included AC adapter. To relieve strain on the DC plug when the phone is placed on a desk or table, wrap the power cord around the strain relief notch on the back of the base.

**NOTE:** Place the power cord so that it does not create a trip hazard, or where it could become chafed and create a fire or other electrical hazards.

## One Year Limited Warranty

**Important:** Evidence of original purchase is required for warranty service.

**WARRANTOR:** UNIDEN AMERICA CORPORATION ("Uniden")

**ELEMENTS OF WARRANTY:** Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

**WARRANTY DURATION:** This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

**STATEMENT OF REMEDY:** In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

**LEGAL REMEDIES:** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America and Canada.

**PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY:** If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor at:

### Uniden America Corporation

Parts and Service Division

4700 Amon Carter Blvd, Fort Worth, TX 76155

(800) 297-1023, 8 a.m. to 5 p.m. Central, Monday through Friday

# Uniden®

May be covered under one or more of the following U.S. patents:

4,523,058	4,595,795	4,797,916	5,381,460	5,426,690	5,434,905
5,491,745	5,493,605	5,533,010	5,574,727	5,581,598	5,650,790
5,660,269	5,661,780	5,663,981	5,671,248	5,696,471	5,717,312
5,732,355	5,754,407	5,758,289	5,768,345	5,787,356	5,794,152
5,801,466	5,825,161	5,864,619	5,893,034	5,912,968	5,915,227
5,929,598	5,930,720	5,960,358	5,987,330	6,044,281	6,070,082
6,125,277	6,253,088	6,314,278			

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