

# Uniden®

**EXP 4240/4241**

**Series**

**OWNER'S**

**MANUAL**

**OWNER'S MANUAL**

Uniden 2.4GHz cordless phones are designed and engineered to exacting standards for reliability, long life, and outstanding performance.

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

▼ **Features**

- 2.4 GHz Extended Range Technology
- AutoTalk™
- Pulse/Tone Dialing
- 20 Channel Autoscan
- Last Number Redial
- 10-Number Memory Dialing
- AutoStandby™
- Earpiece Volume Control
- Hearing Aid Compatible
- Find Handset Locator

The cordless phone features **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

## Included with Your Phone

- Base Unit • Handset • AC Adapter • Rechargeable Battery • Telephone Cord
- This owner's manual

Replacement adapters, batteries and other parts may be purchased by calling the Customer Hotline at 1-800-297-1023, Mon-Fri 7 am to 7 pm, Sat/Sun 9 am to 5 pm, CST. (Phone support is closed on holidays.)

### Terminology

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 the *talk* key has been pressed, enabling a dial tone.
- **Standby Mode** - The handset may be sitting in or off the base, but is NOT in use. The *talk* key has not been pressed and there is no dial tone.

## Accessibility

Uniden provides a customer service hotline for accessibility questions. If you have a disability and need customer service assistance or if you have any questions about how Uniden's products accommodate persons with disabilities, please call the accessibility voice/TTY line:

1-800-874-9314

A representative is available to talk to you M-F, 8:00 am to 5:00 pm, CST. After hours, you can leave a message, and we will call you back. Information is also available on our web site, [www.uniden.com](http://www.uniden.com), under the "Accessibility" link.

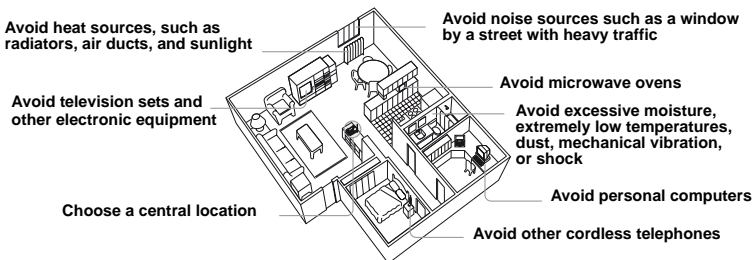
## Installing the Phone

### Do the following steps:

- Choose the best location
- Install the rechargeable battery pack into the handset
- Connect the base unit and charge the handset
- Mount the base unit on a wall
- Choose the dialing mode

### A. Choose the best location

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



- The location should be close to both a phone jack and a continuous power outlet (one which is not connected to a switch).
- The base and handset should be kept 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. For better reception, place the base as high as possible.
- The base should be placed in an open area for optimum range and reception.

## Insert the rechargeable battery pack into the handset

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

*If you are using specially wired alarm equipment on the telephone line, be sure that your system does not disable your alarm. If you have questions about what will happen to your alarm equipment, contact your alarm company or a qualified installer.*

Remove the handset battery case cover (use the top edge for a better grip) and slide the cover

off. Insert the connector (red & black wires) into the battery compartment (the connector fits into the grooves of the jack only one way). Refer to the polarity label in the battery compartment at the battery and listen for a click to

confirm the battery cover, pull on the battery cover. When the connection is secure, the jack will pop out. Slide the battery case cover back on and push it upwards until it clicks into place.

**For best performance, use only the Uniden BT-1006 supplied with your**

## Handset

The handset battery provides approximately 10 hours of use and approximately 7 days of standby time when the handset is not being used and is fully charged. The battery will gradually discharge over its maximum battery life and should be recharged. When the handset is placed in the charging cradle, the actual talk time duration will be reduced. The amount of time the handset is off of the charging cradle.

## How to charge the handset

Use a 9V jack and a

charging cradle and place the handset in the charging cradle facing

upwards.

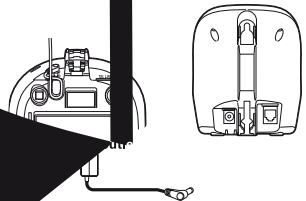
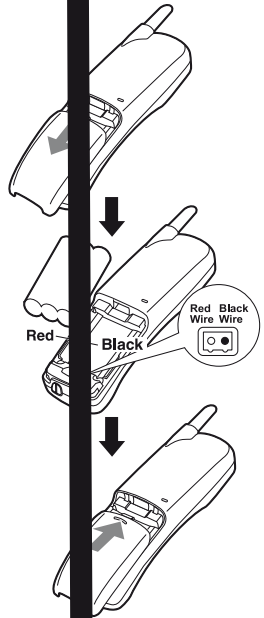
Use the power adapter.

Use a continuous

power source.

Plug the power cord into the AC outlet to

charge the handset.



Charge your handset at least **15-20** minutes before the handset battery pack is fully charged. Connect the telephone line cord to the base unit and a telephone outlet. If your telephone outlet isn't modular, contact your telephone company for assistance.

### **Mounting the base unit on a wall**

The base unit is mounted on any standard wall outlet. Plug the power cord into the **DC IN 9V** jack. Plug the power cord into a standard 120V AC outlet.

Insert the telephone cord into the **TEL LINE** jack. Insert the telephone cord into the telephone outlet on the base with the telephone cord connector. Then push in and down until the cord is seated.

If you can mount your base unit on a wall, consider the following:

• Remove any items behind the mounting surface before inserting screws.

• Do not use a working phone jack for mounting. Supporting the weight of the base unit will be difficult.

• Use appropriate anchors (see page 10) with anchor screws. The base unit will be supported by the anchors.

• Use appropriate anchors for the wall and surface. See page 10 for more information.

• Do not use a wall outlet for mounting.

• Do not use systems (such as surge protectors) that pulse disconnect power. Follow the surge protection instructions on the surge protector.

• Confirm that the base unit is properly mounted. Confirm that the base unit is properly mounted. Confirm that the base unit is properly mounted.

• Do not use a wall outlet for mounting. Do not use a wall outlet for mounting. Do not use a wall outlet for mounting.

# Using Your Phone

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## Making and Receiving Calls

### Making a call

- 1) Remove the handset from the base.
- 2) Press the **talk** key. The **talk/batt low** LED flashes and turns on.
- 3) Listen for the dial tone.
- 4) Dial the number.

### Receiving a call

If the handset is in the base, simply remove the handset from the base. AutoTalk will automatically answer the call.

If the handset is off the base, press the **talk** key or any number key.

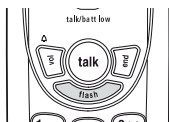
### Hanging up

Press the **end** key or return the handset to the base.

### Redialing the last dialed number

- 1) Remove the handset from the base.
- 2) Press the **talk** key. The **talk/batt low** LED flashes and turns on.
- 3) Listen for the dial tone.
- 4) Press the **redial/p** key.

## Flash and Call Waiting




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


**NOTE:** You must subscribe to call waiting through your telephone company.

## Adjusting the Ringer and Earpiece Volume

### Ringer tone and volume

When the phone is in standby mode, press the **vol/**  key repeatedly to listen to the four ringer tones and volume combinations. The last ringer tone heard will be selected as the phone's ring tone setting.

### Earpiece volume

The handset earpiece volume settings can only be adjusted during a call. Use the **vol/**  key to scroll through the volume levels and select the one that works best for you. When you hang up, the phone keeps the volume setting.

### Temporarily Mute Ringer

If the handset is off the base, simply press the **end** key to temporarily mute the incoming ring. The ringer will sound with the next incoming call.

## Traveling Out-of-Range

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, your call will terminate within one minute.

## Selecting a Different Channel

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 the **channel** key. The **talk/batt low** LED flashes, indicating the phone is changing to another channel. For more information on interference, refer to "Radio Interference" on page 10.

## Find Handset

To locate the handset, press the **find hs** key on the base. The handset beeps for 60 seconds. The handset stops beeping when any key is pressed, when it is returned to the base, or when the **find hs** key is pressed. The handset also stops beeping when an incoming call is received.

## 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.

- 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.
  - Dial mode setting, last number dialed and numbers stored in memory locations are retained for up to one minute while you replace the battery pack.

## Cleaning the battery charging contacts

To maintain a good charge, clean the charging contacts on the handset once a month.

Dampen a cloth with plain water. Gently rub the damp cloth over the charging contacts until all visible dirt is removed. Dry the contacts thoroughly before returning the handset to the base.

**Caution:** Do not use paint thinner, benzene, alcohol, or other chemical products. Doing so may discolor the surface of the telephone and damage the finish.



## Tone Dialing Switch-over



If your telephone company requires pulse dialing, you can switch over to tone dialing after the call connects. This feature is useful when you need tone dialing to use any automated menu systems, such as telephone bank tellers, telephone prescription refills, customer support menus, etc.

If your phone is set to pulse dialing mode, make your call normally. Once your call connects, press the **\*/tone** key. Any digits you enter from then on will be sent as tone digits. When this particular call ends, the phone automatically returns to pulse dialing mode.

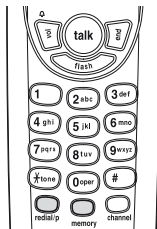
## Using the Speed Dial Memory

### Storing Numbers in Speed Dial Memory

Your cordless phone can store up to ten numbers in the speed dial memory.

- 1) When the phone is in standby mode, press the **memory** key. The **talk/batt low** LED flashes.
- 2) Use the keypad to enter the phone number; each number can be up to 20 digits.

- 3) If you need the phone to pause during the dialing sequence, press the **redial/p** key to insert a two-second delay between the numbers. You can enter multiple pauses to increase the delay. Each pause counts as a digit.
- 4) Press the **memory** key again.
- 5) To store this number as one of the ten speed dial numbers, enter a digit from **0** to **9**. If there is already a number in that speed dial setting, it will overwrite the previously stored number without warning. You will hear a confirmation tone indicating that the number has been stored.



**NOTE:** When storing numbers into memory, if the handset is idle (i.e., no key is pressed) for more than 30 seconds, it will beep rapidly, and the phone will return to standby mode.

### Dialing a Stored Number

- 1) When the phone is in standby mode, press the **talk** key, and listen for a dial tone.
- 2) Press the **memory** key and enter the speed dial entry (**0-9**) that has the stored number you want to dial. (If you enter a digit that does not contain a stored number, the handset will beep rapidly, and the phone will not dial.)

### Chain Dialing

The speed dial memory is not limited to phone numbers. You can store any number (up to 20 digits) that you need to enter once your call connects. This is referred to as Chain Dialing.

For example, you can save your bank account number to speed dial memory. When you call your bank's telephone teller service and are prompted to enter your account number, simply press the **memory** key and the speed dial number where you stored your account number.

### Erasing a Stored Number from Memory

- 1) With the phone in standby mode, press the **memory** key twice.
- 2) Press the number of the speed dial entry. 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 the **find hs** key on the base.
- 2) While holding the **find hs** key, place the handset in the base unit. Leave the handset in the base for more than three 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.

## Operational Frequency

Frequency	924.516925 – 926.704425 MHz
	2,405.155942 – 2,411.718441 MHz



# Troubleshooting

If your cordless telephone is not performing to your expectations, please try these simple steps first. If these steps do not solve your problem, please call our Customer Hotline at 1-800-297-1023. (Mon - Fri 7 am to 7 pm, Sat/Sun 9 am to 5 pm, CST. Phone support is closed on holidays.)

**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 are clean.</li> </ul>
The audio sounds weak and/or scratchy.	<ul style="list-style-type: none"> <li>• Move the handset and/or base away from metal objects or appliances and try again.</li> <li>• Press the <b>channel</b> key to help eliminate background noise.</li> <li>• Check both ends of the telephone line cord.</li> </ul>
Can't make or receive calls.	<ul style="list-style-type: none"> <li>• Make sure the AC adapter is plugged into the base and a wall outlet.</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> <li>• Check the dialing mode used by your telephone company.</li> </ul>
The handset doesn't ring or receive a page.	<ul style="list-style-type: none"> <li>• The 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>• Move 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 the base to another location or turn off the source of interference.</li> </ul>

## Liquid Damage

Moisture and liquid can damage your cordless phone. In case of accidental submersion, please follow these steps.

Case	Action
If the handset or base is exposed to moisture or liquid, but it 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><b>Handset:</b></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 the handset is completely dry, reconnect the battery pack and the battery cover.</li> <li>5. Recharge the handset's battery pack for 20 hours before using again.</li> </ol> <p><b>Base:</b></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 call our Customer Service Hotline at 1-800-297-1023.</p>



accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

### 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.

### 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.

### I.C. Notice

#### TERMINAL EQUIPMENT

**Notice:**This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications.

This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

**Notice:**The Ringer Equivalence Number (REN) for this terminal equipment is marked on the equipment itself. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.

#### RADIO EQUIPMENT

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. "Privacy of communications may not be ensured when using this telephone".

### 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). Disconnect the battery from the Product and separately secure the battery in its own separate packaging within the shipping carton. 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 Service**  
4700 Amon Carter Blvd. Fort Worth, TX 76155



**Having Trouble or Need a Part?**

Our customer care specialists are here to help you! Visit our website at [www.uniden.com](http://www.uniden.com) or call our Customer Hotline at **1-800-297-1023**, Mon-Fri, 7 a.m. to 7 p.m. or Sat/Sun, 9 a.m. to 5 p.m. CST. (Phone support is closed on holidays.)

# Uniden®

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

4,797,916	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
6,418,209	6,618,015	6,671,315	6,714,630	6,782,098	6,788,920
6,788,953	6,839,550	6,889,184	6,901,271	6,907,094	6,914,940
6,953,118	7,023,176				

Other patents pending.

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