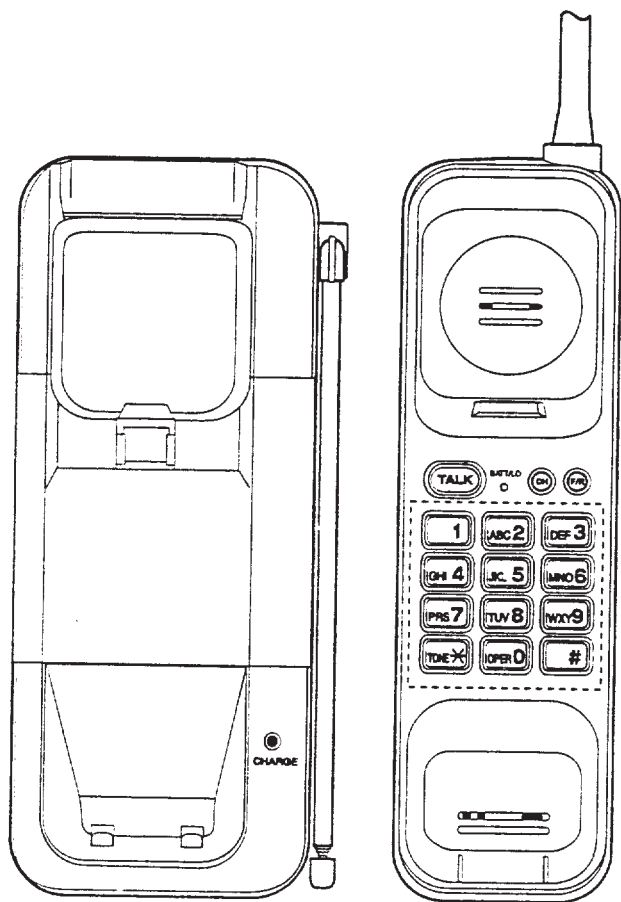


XC302/XC305

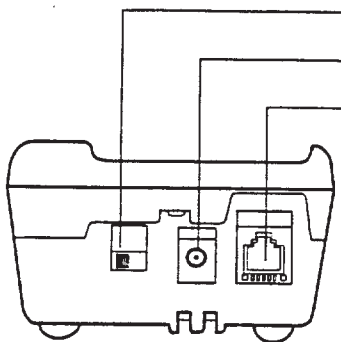
Cordless Telephone



uniden®

OPERATING GUIDE

Flexible Antenna



Earpiece

Power Button

Battery Lo LED

Channel Button

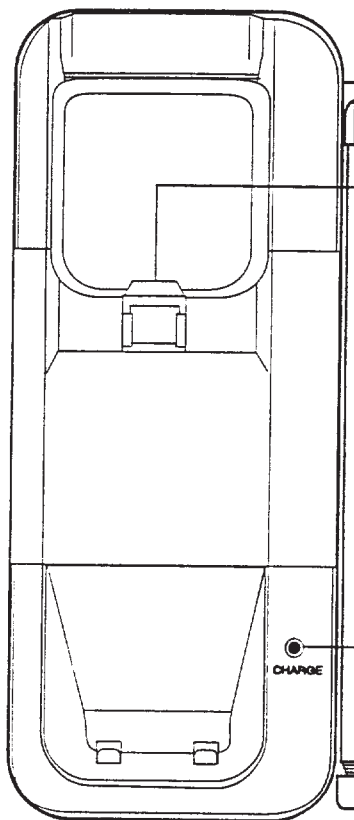
Flash/Redial Button

Keypad 0 – 9

End Call Button

Star * Button

Microphone



Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electrical 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 dry cloth for cleaning.
4. Do not use this product near water; for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The telephone may fall, causing serious damage to the unit.
6. 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. These openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be damaged by persons walking on it.
9. Do not overload wall outlets and extension cords, as this can result in the risk of fire or electrical shock.
10. Never push objects of any kind into this product through cabinet slots, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
11. To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel 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 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 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 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 distinct change in performance.
13. Do not use the telephone to report a gas leak in the vicinity of the leak.

Caution: To reduce the risk of fire or injury to persons by the Rechargeable Battery Pack, read and follow these instructions:

1. Use only the Rechargeable Battery Pack specified in this Operating Guide.
2. Do not dispose of the Rechargeable Battery Pack in a fire. It may explode.
3. Do not open or mutilate the Rechargeable Battery Pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. The electrolyte may be toxic if swallowed.
4. Exercise care in handling the Rechargeable Battery Pack in order not to short the battery with conducting materials such as rings, bracelets, and keys. It may overheat and cause burns.
5. Charge the Rechargeable Battery Pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in this Guide.
6. Observe proper polarity orientation between the Rechargeable Battery Pack and the 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. The XC302/XC305 is no exception. **Note: Do not attempt to unplug any appliance during an electrical storm.**

Range

The XC302/XC305 is designed to achieve the maximum possible range by transmitting and receiving according to the highest specifications set forth by the F.C.C. 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 the XC302/XC305 is meant to be used as a means of comparison against other range claims.

Telephone Line Problems

The F.C.C. has granted the telephone company the right to disconnect service in the event that your XC302/XC305 causes problems on the telephone line. Also, the telephone company may make changes in facilities and services which may effect 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 the XC302/XC305 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 Unit. 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 XC302/XC305, 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 the channel. Press CHANNEL to select the best channel with no interference.

More Than One Cordless Telephone

If you wish to use more than one cordless telephone in your house, they must operate on different channels. Press CHANNEL to select one that provides the clearest communications.

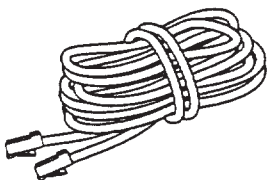
Introduction

Congratulation on the purchase of you Uniden Cordless Telephone. It is designed to exacting standards to provide excellent performance and long life. Its many features include

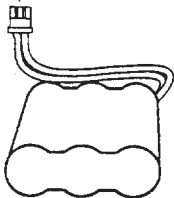
- **10 Selectable Channels** for optimum performance in almost any surroundings
- **Companer Circultry** to assure low noise operation comparable to *corded* phones
- **Extended-Use, Rechargeable Battery** for up to 14 hours of talk time
- **Redial Memory** to let you quickly redial the last number you dialed
- **Flash Button** for access to special services such as call waiting
- **Automatic Securly Code** to prevent unauthorized use of your phone line

In addition to the phone's base unit and handset, the following accessories are provided with your phone.

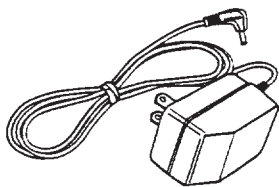
Telephone Line Cord



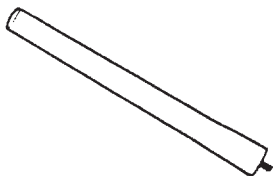
Rechargeable Battery Pack
(BBTY0185001)



AC Adapter\Charger
(AD310/302)



Flexible Antenna



Operating Guide
(OMXC302/5)



If the phone or accessories are missing or damaged, or if you need replacement parts, contact Uniden at the address or phone number listed in the "One Year Limited Warranty".

Installing Your Cordless Phone

Warning: Uniden America Corporation does not represent this phone to be waterproof. To reduce the risk of electrical shock, fire, hazard, or damage to the phone, do not expose it to rain or moisture.

You can install your phone on a desk or counter top, or you can mount it on a wall. In either case, choose a location that meets the following requirements:

- Free from excess heat or humidity. Avoid kitchens and bathrooms.
- Away from sources of electrical interference, such as motors or fluorescent lights.
- Near a modular telephone jack and standard 120-volt AC outlet. Do not use a *switched* AC outlet.
- Allows complete vertical extension of the base unit's antenna.
- Allows wires to be safely routed away from walk paths.

In addition, if you plan to mount the phone on a wall, consider the following:

- Choose a wall sturdy enough to support the phone.
- If you cannot insert the mounting screws directly into a wall stud, use appropriate *hollow-wall* hardware.
- Avoid wall areas that might contain plumbing pipe or electrical wiring.

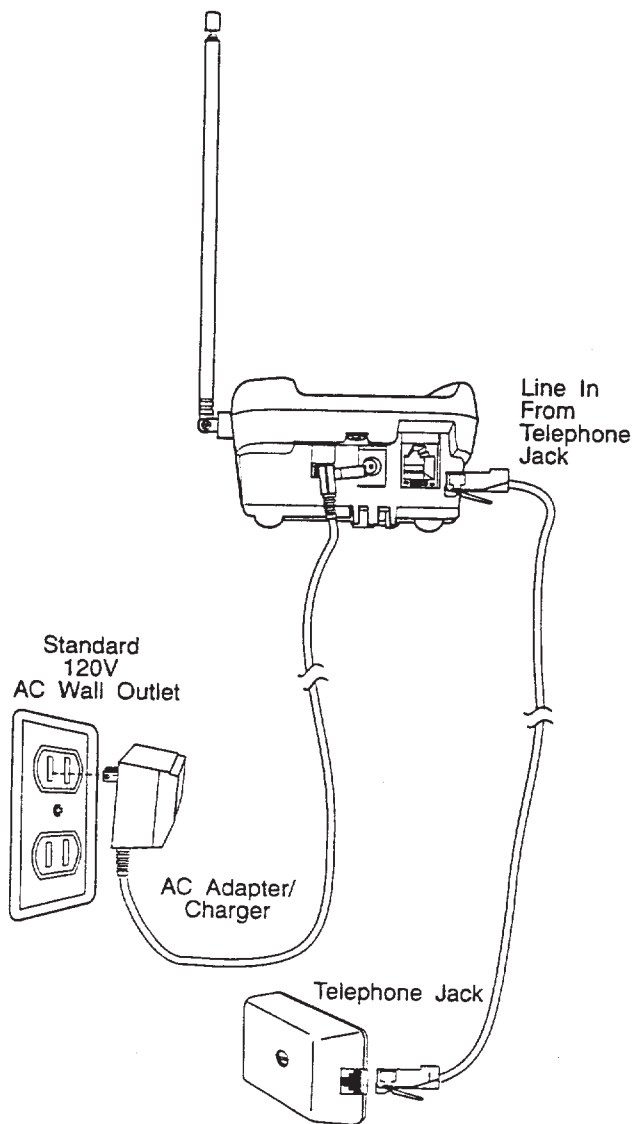
Connecting AC Power

- To prevent a shock hazard, always plug the AC adapter into the base unit's **DC IN 9V** jack before you plug it into the AC outlet.
- Route the power cord away from heavy traffic areas or anywhere that the cord might be pinched, rubbed, or worn.

Connecting the Telephone Line

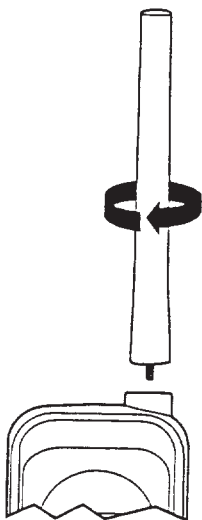
- Plug one end of the supplied modular line cord into the base unit's **TEL LINE** jack and the other end into a modular telephone jack.
- If you do not have a modular telephone jack, contact your local phone company for information about the installation of such jacks.

Desktop Installation



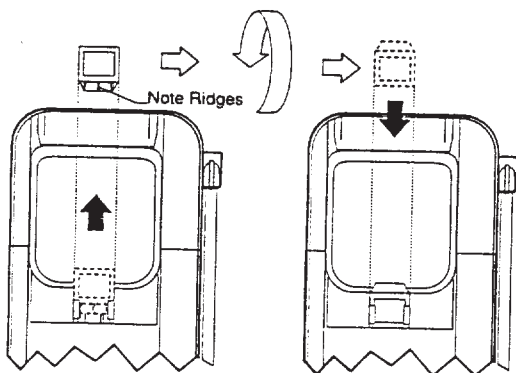
Installing the Handset Antenna

To install the supplied flexible handset antenna, insert the threaded end into the antenna socket at the top of the handset, and turn the antenna clockwise until it is securely attached.



Reversing the Handset Retainer

When you mount the base unit on a wall, you must reverse the position of the *handset retainer* to prevent the handset from falling off.

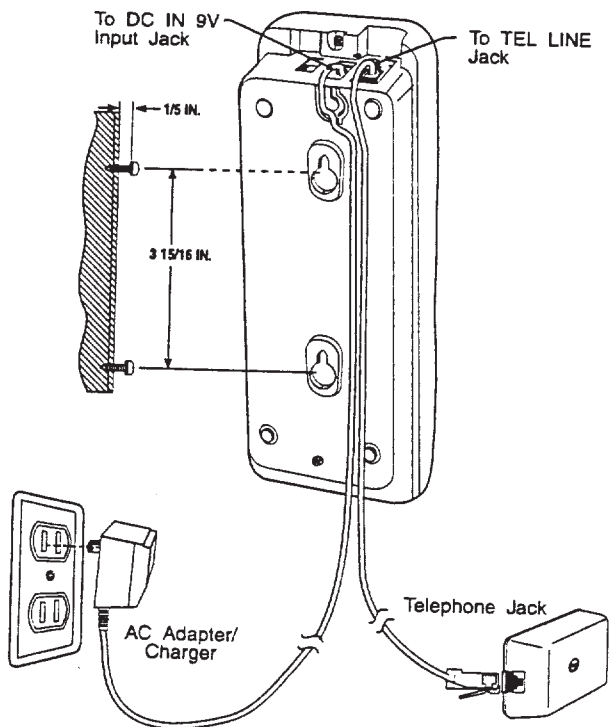


1. Slide up the handset retainer to remove it from the base unit.
2. Flip over the retainer so that the tab is pointing up.
3. Slide the retainer back into the slot on the base unit.

Note: The retainer should slide easily in and out of the slot on the base unit. If it does not, you are not inserting it properly.

Wall Installation

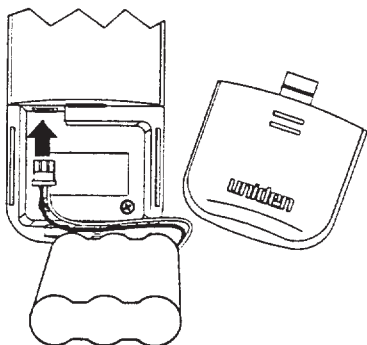
Caution: Before you place the handset on a wall-mounted base unit, be sure the handset retainer is properly installed as shown on page 7.



Battery Installation and Care

To install the supplied rechargeable nickel-cadmium battery, do the following.

1. Slide down the battery compartment cover from the lower back of the handset to remove it.
2. Insert the battery's plug into the socket inside the battery compartment.



Caution: The plug fits only one way and should go in easily. Do not force it. The black wire should be closest to the left.

3. Place the battery inside the compartment and slide the compartment cover back on.

Caution: Be sure the battery's wires are not pinched or cut during this process.

Rechargeable Nickel-Cadmium Battery Warning

This phone contains a Rechargeable Nickel-Cadmium Battery.

- Cadmium is a chemical known to the State of California to cause cancer.
- The Nickel-Cadmium Battery contained in this phone may explode if disposed of in a fire.
- Do not short circuit this Nickel-Cadmium Battery.
- Do not charge this Rechargeable Nickel-Cadmium Battery in any phone other than the XC302/XC305.

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

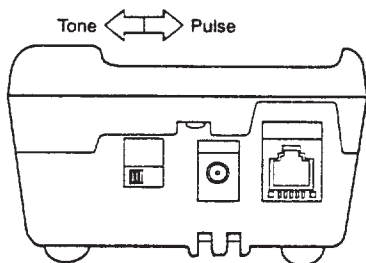
Residents of Minnesota should contact 1-800-225-PRBA for information concerning reclamation and disposal of Rechargeable Nickel-Cadmium Battery Packs. Residents outside of Minnesota should contact their local authorities for information concerning reclamation and disposal of Rechargeable Nickel-Cadmium Battery Packs.

Charging the Battery

Charge the battery for 12 – 16 hours before you use the phone. To do so, connect the AC power as described and shown in "Installing Your Cordless Telephone" on page 5 - 7.

Then, place the handset on the base so that the **CHARGE** indicator lights, and let the battery charge for 12 – 16 hours.

Setting the Dialing Mode



You can use your cordless telephone with either pulse- or tone-dialing phone systems. Simply set the **TONE/PULSE** switch (on the back of the base unit) to the appropriate position.

If you don't know what type of dialing service you have, call your phone company or perform this simple test.

1. Install the phone, and charge the battery as described in this Operating Guide.
2. Set the **TONE/PULSE** switch to **TONE**.
3. Lift the handset from the base unit (or press **TALK**) so that the **BATT Lo** indicator lights steadily and you can hear the dial tone.
4. Press one of the number keys.

If the dial tone stops, you have tone service. Leave the switch set to **TONE**.

If the dial tone continues, you have pulse service. Set the switch to **PULSE**.

Setting the Security Code

Your telephone's security code prevents other cordless phone users from initiating a call on your phone line. The code is automatically set to one of 256 possible codes when you first place the handset on the base unit to begin charging the battery.

To change the security code, remove the handset from the base unit and disconnect the battery for at least one minute. Then, reconnect the battery and return the handset to the base unit.

Using Your Cordless Telephone

Your cordless telephone is as simple to use as a standard telephone, but it has several special features you should be aware of. Read these instructions carefully.

Placing a Call

To place a call using your cordless telephone, do the following:

1. Lift the handset from the base unit.
2. Press **TALK** so that the **BATT Lo** indicator lights and you hear the dial tone.
3. Dial the number as you would with any other telephone.

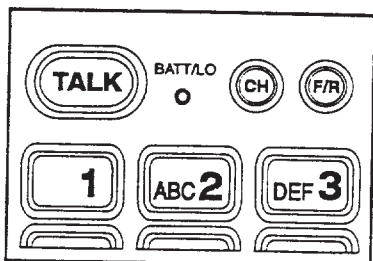


Ending a Call

You can end a call in either of two ways.

If you are near the base unit when you want to end a call, you can simply return the handset to the base unit. You don't have to press **TALK**.

If you cannot (or don't want to) return the handset to the base unit at the end of a call, simply press **TALK** so that the **BATT Lo** indicator turns off.



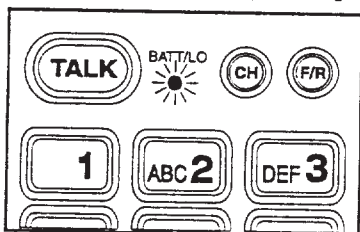
Note: If the signal between the handset and base unit is weak, pressing **TALK** might not end the call ... an error tone sounds and the **BATT Lo** indicator remains on. If this happens, return the handset to the base unit, or hold the handset near the base unit and press **TALK** again.

Answering an Incoming Call

You can answer an incoming call in either of two way.

If the handset is on the base unit when the phone rings, simply lift the handset as you would a regular telephone, and begin talking.

If the handset is off the base unit when the phone rings, press **TALK** so that the **BATT Lo** indicator lights, and begin talking.



Using the Redial Feature

The redial feature lets you quickly redial the last number you called (up to 32 digits) by pressing a single button.

To use the redial feature, do the following:

1. Lift the handset from the base unit, or press **TALK**, so that the **BATT Lo** indicator lights and you hear the dial tone.
2. Before you press any other button, press **F/R**.

Note: If you press any other key before you press **F/R**, the button acts as a flash button. See "Using the Flash Feature" below.

Using the Flash Feature

The flash feature sends a timed *hook flash* signal necessary to access special telephone company services such as call waiting.

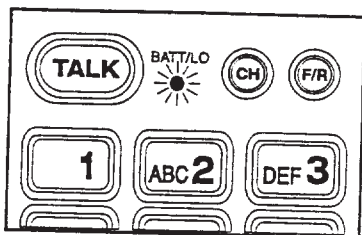
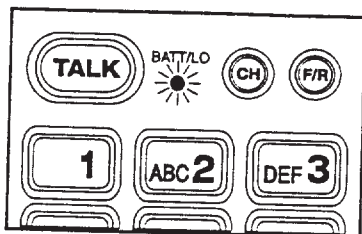
To use the flash feature, simply press **F/R** during a phone call.

BATT Lo Indicator

The **BATT Lo** indicator serves two purposes.

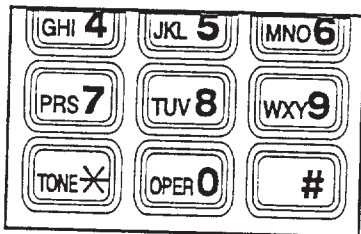
- When battery power is sufficient to continue a call, the **BATT Lo** indicator lights steadily to tell you the phone is in the *talk mode*. This indicator can also warn you if the phone does not hang up properly when you end a call.

- When battery power becomes so low during a call that the call is in danger of disconnecting, the **BATT Lo** indicator flashes (and a warning tone sounds). When this occurs, end the call as soon as possible, and return the handset to the base unit for charging.



Changing the Channel

If the telephone signal is noisy during a call, repeatedly press **CH** to step through the 10 available channels and achieve the best signal quality. Different channels might be better at different times, depending on location and external conditions.



TONE Button

When the TONE/PULSE switch on the Base Unit is in the PULSE position, the TONE button allows tone dialing for access to long distance services, etc.

FCC Requirements

You are no longer required by the FCC to notify your local phone company if you intend to connect a new phone. Your phone company might call you and request information about your phone such as brand name, model number, registration number, and ringer equivalence number. This information is listed on the base unit.

If your cordless telephone is not performing up to your expectations, please try the simple suggestions listed in the "Troubleshooting" section on page 14.

If you still have problems, contact Uniden at the address or phone number listed at the end of the "One Year Limited Warranty".

Troubleshooting

Most problems with your cordless telephone can be solved by one or more of the following solutions. If, after trying these solutions, you still have problems, contact Uniden at the address or phone number at the end of the "One Year Limited Warranty".

- Check the AC adapter connections to the wall outlet and to the phone.
- Check both connections of the telephone line cord.
- Be sure the AC adapter is connected to a *live* outlet (not a switched outlet).
- Be sure the battery is properly installed and connected inside the battery compartment.
- Confirm that the **CHARGE** indicator lights when you place the handset on the base unit. If not, try cleaning the charging contacts with a pencil eraser.
- Be sure the battery has been initially charged for 12 - 16 hours.
- If the **BATT Lo** indicator flashes when you press **TALK**, the battery is low.
- If the **BATT Lo** indicator does not light at all when you press talk, and you are sure the battery has been properly charged, you might need to replace the battery.
- Confirm the base unit antenna is fully extended in a vertical position, and hold the handset with its antenna in a vertical position.
- Try installing the base unit in a new location. Higher is usually better.

Specifications

General The XC 302/XC 305 complies with FCC parts 15 and 68.
Frequency Control Crystal controlled transmission
Modulation FM
Operating Temperature 14°F to 122°F

Base

Receive Frequencies 49.67 to 49.97 MHz (10 channels)
Transmit Frequencies..... 46.61 to 46.97 MHz (10 channels)
Power Requirements 120 VAC, 60Hz, AC Adapter (AD310)
Size 3 1/4" x 8 3/16" x 1 7/8" (WDH)
Weight 8.5 oz.

Handset

Transmit Frequencies..... 49.67 to 49.97 MHz (10 channels)
Receive Frequencies 46.61 to 46.97 MHz (10 channels)
Power Requirements Rechargeable Ni-Cd Battery Pack
Size 2 3/16" x 7 13/16" x 1 15/16" (WDH)
Weight 7.8 oz.

Battery

Capacity 270 mAH, 3.6 V
Talk Mode..... 7 hours
Standby Mode 14 days

Features, specifications and availability of optional accessories are all subject to change without notice.

One Year Limited Warranty

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 Operating Guide 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 repair the defect 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. 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.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY:

If, after following the instructions in this Operating Guide you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). 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, or delivered, to warrantor at:

Uniden America Corporation

Parts and Service

8707 North By Northeast Blvd.

P.O. Box 501368

Indianapolis, IN 46250

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