
CONTENTS

Important Safety Instructions	2
Battery Safety Precautions	3
Introduction	4
Features	4
Included with the XC645	5
Important Electrical Considerations	6
Range	6
Telephone Line Problems	6
Radio Interference	7
More Than One Cordless Telephone	7
Installation	8
Selecting a Location	8
Telephone Line Outlets	8
Connecting the Telephone Cords	9
Applying Power to the Base Unit	9
Adapter Safety Feature	10
Desk or Tabletop Installation	10
Wall Installation	13
Direct Wall Mounting	15
Setting Up Your Phone	20
Extending the Antenna	20
Installing the Handset Battery Pack	20
Cleaning the Battery Contacts	22
Charging the Battery Pack	23
Low Battery Indicator	25
Setting the Pulse/Tone Switch	26
Adjusting Ringer/Volume Controls	26
Automatic Digital Code Security	29
Using Your Phone	31
Making and Receiving Calls	31
Changing Channels, Mute, Flash, and Page/Find	32
Programming Your Phone	33
Storing a Number in Memory	33
Storing a Mixed Number	37
Dialing a Stored Number	41
Chain Dialing	41
Erasing a Stored Number	41
Troubleshooting	42
Specifications	43

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:

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, and use a dry cloth, without liquid or aerosol cleaners.
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. 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 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 repair work by a qualified technician.)
 - 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.

Battery Safety Precautions

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

1. Use only the appropriate type and size Battery Pack specified in this Operating Guide.
2. 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.
3. 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.
4. 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.
5. Charge the Battery Pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the instruction manual provided for this product.
6. Observe proper polarity orientation between the Battery Pack and battery charger.

SAVE THESE INSTRUCTIONS

Introduction

Congratulations on your purchase of the Uniden **XC645** Cordless Telephone. These phones are designed to exacting standards which provide reliability, long life, and outstanding performance.

Features

- 25 46/49 MHz Channels
- Dual Keypads for added flexibility
- AutoTalk™
- AutoStandby™
- Pulse/Tone Dialing
- 20-Number Memory
- Redial/Flash Key
- Speakerphone
- Random Code™ Digital Security
- UltraClear Plus
- AutoSecure™
- Page/Find Button
- Base/Handset Volume Controls
- Talk/Battery Low Indicator
- 14 Day Battery Life

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 or flipping switches. *AutoStandby™* allows you to hang up by simply returning the Handset to the Base.

The *UltraClear Plus* innovative technology, together with 25 different channels, virtually eliminates background noise and provides you with the best possible reception during all of your conversations.

To protect you against misbilled calls which might result from your phone being activated by other equipment, *Random Code™* digital security automatically selects one of over 65 thousand digital security codes for the Handset and Base Units. Also, the *AutoSecure™* feature electronically locks your phone when the Handset is in the Base.

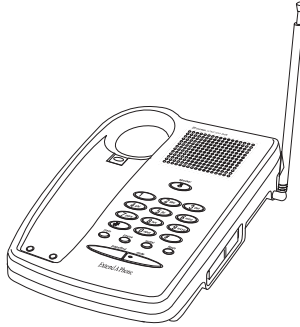
To get the most from your phone, please read this Operating Guide thoroughly. Also be sure to complete the Product Registration form and mail it in.

Included with the **XC645**

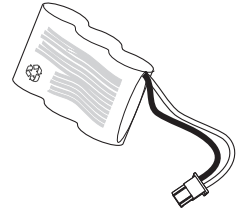
If any of these items are missing or damaged, contact Uniden Customer Service at: (800) 297-1023, 8:00 am to 5:00 pm Central, Monday through Friday.



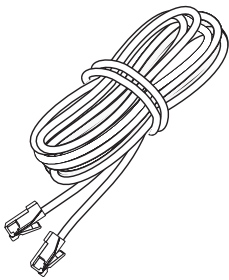
Handset



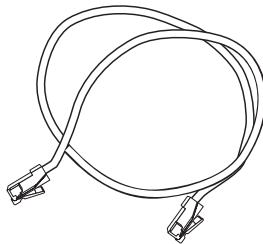
Base Unit



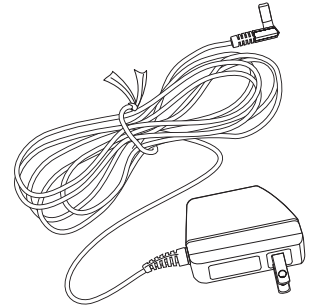
Rechargeable
Battery



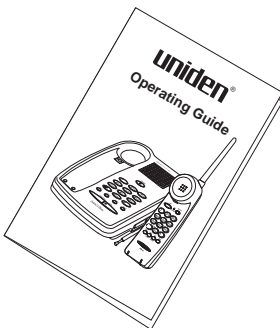
Long Telephone
Cord



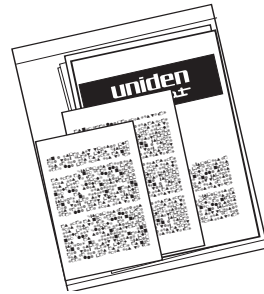
Short Telephone
Cord



AC Adapter



Operating Guide



Other Printed
Material

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.

Warning: *Please do not attempt to unplug any appliance during an electrical storm.*

Caution: *Changes or modifications to this product not expressly approved by Uniden, or operation of this product in any way other than as detailed by this Operating Guide, could void your authority to operate this product.*

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 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 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.

Installation

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.

Note: *A continuous power outlet is an AC outlet which does not have a switch to interrupt its power.*

- Keep the Base Unit 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 Unit antenna.
- The Base Unit can be placed on a desk or tabletop or mounted on a standard AT&T or GTE wall plate.
- If you decide to mount your phone on the wall, make sure to change the Handset Retainer so that the tab which holds the Handset faces up. (See page 18 for more information.)
- 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.

Hard-wired 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

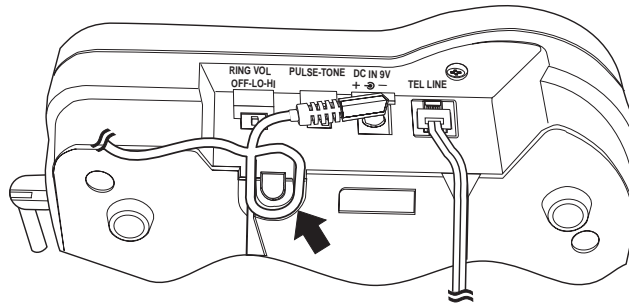
Consider these safety guidelines before connecting the telephone cords:

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 Unit

All the **XC645** phones require 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, connect the adapter as shown below.

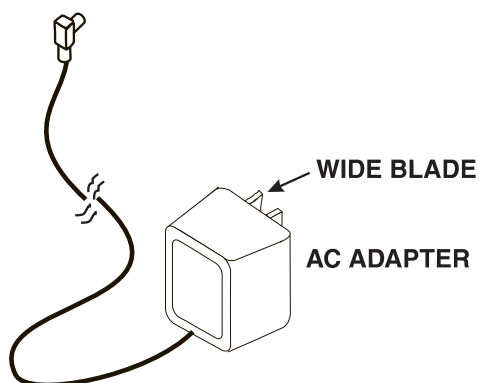


Wrap the power cord around the convenient notch on the bottom.

Important: 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.

Adapter Safety Feature

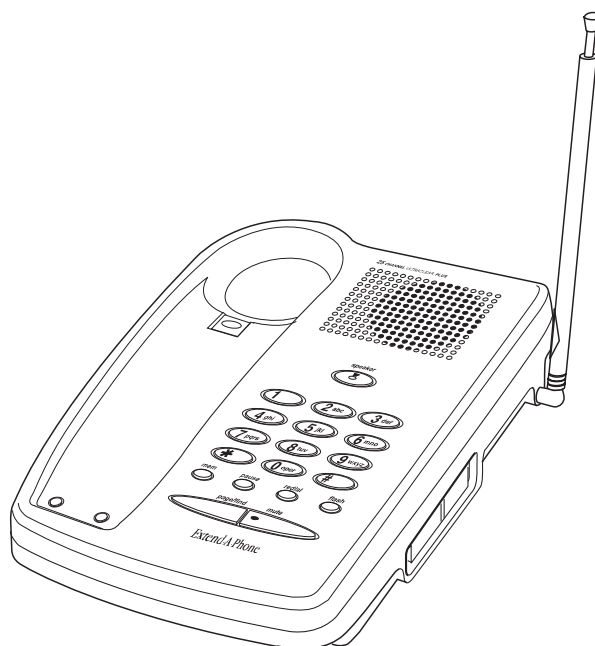
The AC Adapter furnished with this phone may be equipped with a polarized line plug — a plug having one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug.



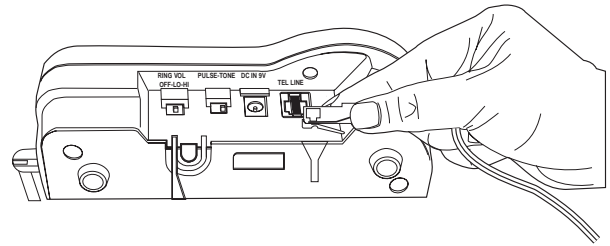
Do not alter the shape of the blades of the polarized plug.

Desk or Tabletop Installation

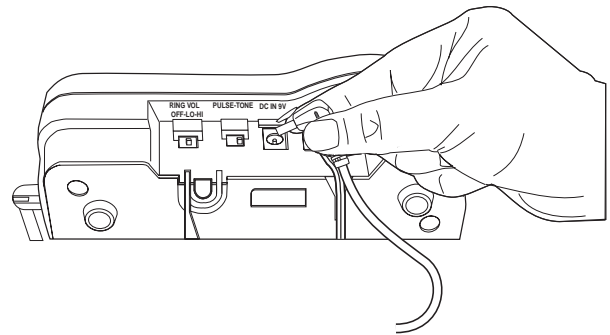
1. Place the Base on a desk or tabletop.



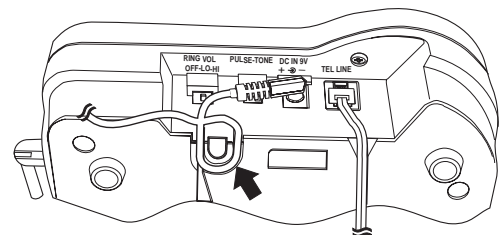
2. Plug one end of the long telephone cord into the **TEL LINE** jack on the Base Unit.



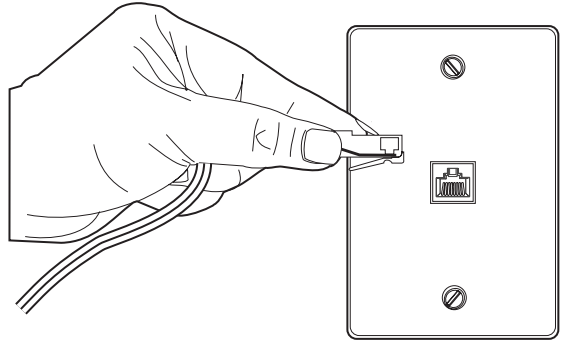
3. Plug the AC Adapter cord into the 9V DC input jack on the Base Unit.



4. Place the AC Adapter cord around the strain relief.



5. Plug the other end of the cord into the telephone jack on the wall.

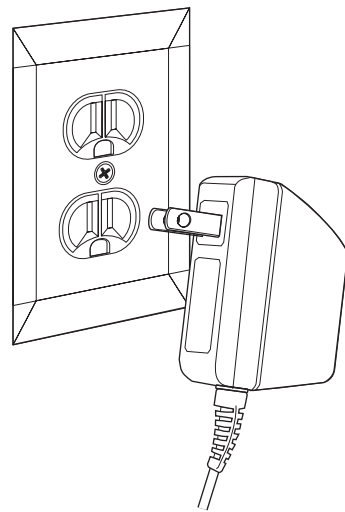


6. Plug the AC Adapter into a standard 120V AC wall outlet.

Note: Do not use an outlet controlled by a wall switch.



Use only the Uniden AC Adapter supplied with this phone.

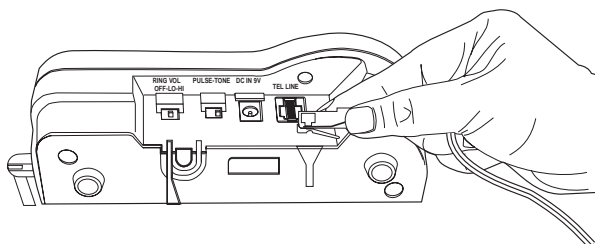


Wall Installation

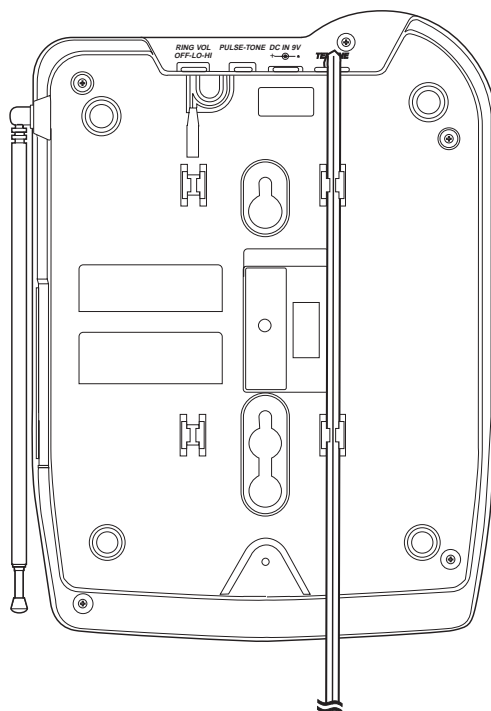
Standard Wall Plate Mounting

These phones are designed to be mounted on a standard AT&T or GTE wall plate.

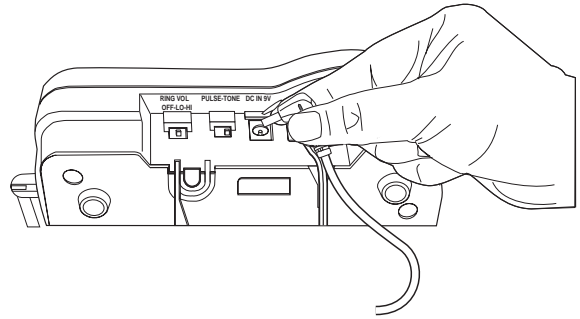
1. Plug one end of the short telephone cord into the **TEL LINE** jack on the Base Unit.



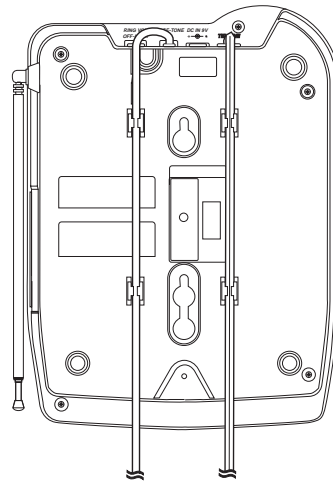
2. Place the telephone cord inside the molded channel on the bottom of the Base Unit.



3. Plug the AC Adapter into the Base Unit.

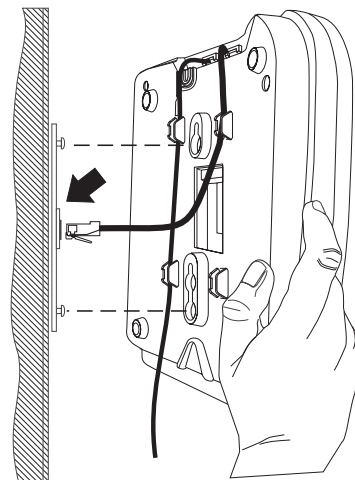


4. Place the AC Adapter cord inside the molded channel.



5. Plug the telephone cord into the modular jack on the wall.

Place the Base Unit on the posts of the wall plate and push down until it's firmly seated.

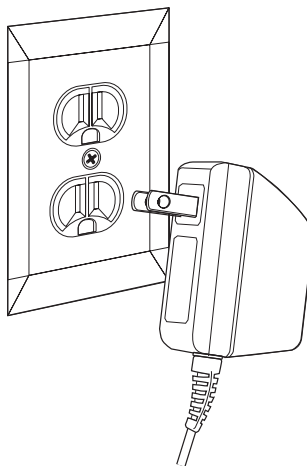


6. Plug the AC Adapter into a standard 120V AC wall outlet.

Note: Do not use an outlet controlled by a wall switch.



Use only the Uniden AC Adapter supplied with this phone.



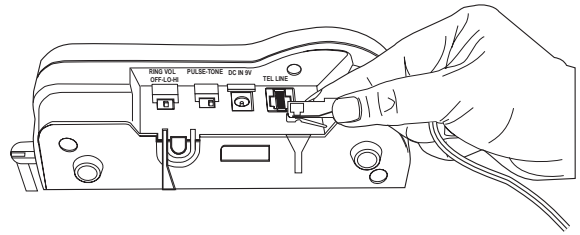
Direct Wall Mounting

If you do not have a standard wall plate, you can mount your phone directly on a wall. Before mounting your phone, consider the following:

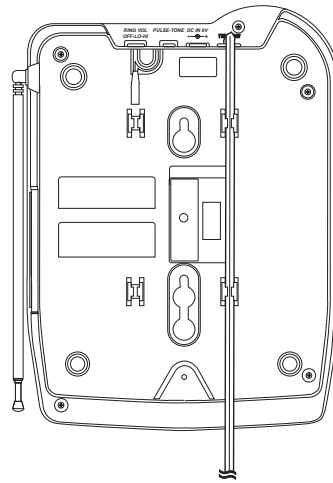
- Select a location away from electrical cables, pipes, or other items behind the mounting location that could cause a hazard when inserting screws into the wall.
 - Make sure the wall material is capable of supporting the weight of the Base Unit and Handset.
 - Use #10 screws with anchoring devices suitable for the wall material where the Base Unit will be placed.
1. Insert two mounting screws $3\frac{15}{16}$ inches apart. Allow about $\frac{3}{16}$ of an inch between the wall and screw heads for mounting the phone.



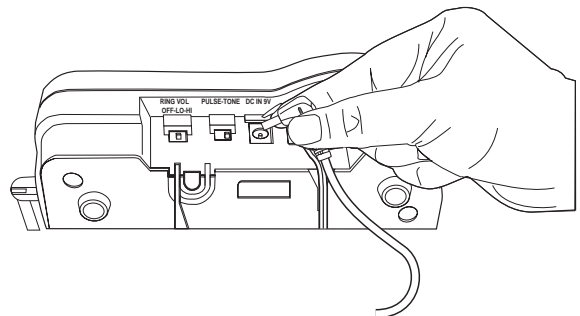
2. Plug one end of the long telephone cord into the **TEL LINE** jack on the Base Unit.



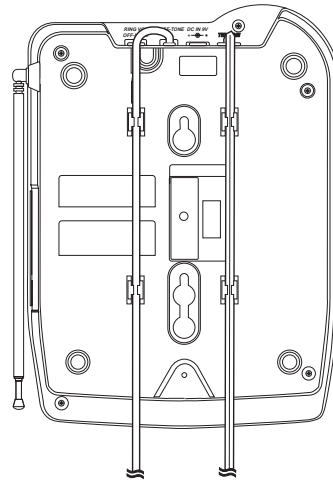
3. Place the cord inside the molded channel on the bottom of the Base Unit.



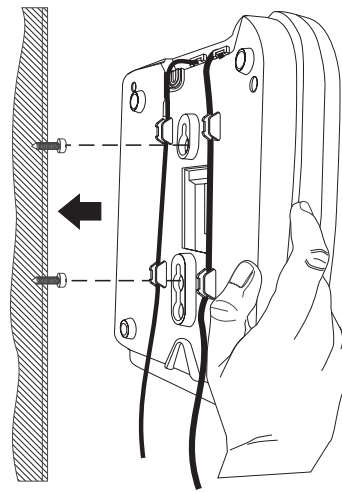
4. Plug the AC Adapter into the Base Unit.



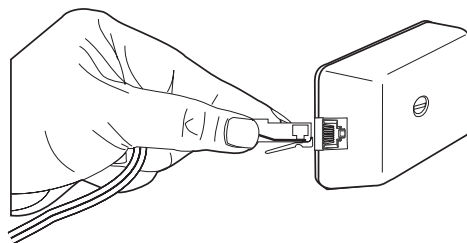
5. Place the AC Adapter cord inside the molded channel.



6. Place the Base Unit on the screws and push down until it's firmly seated.



7. Plug the other end of the telephone line cord into the wall jack.

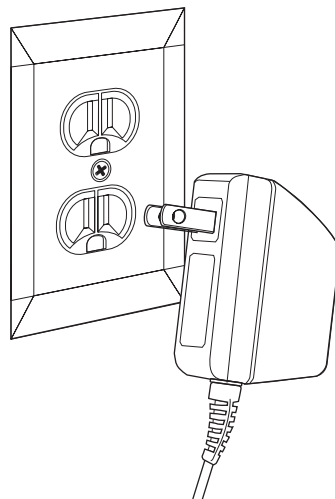


8. Plug the AC Adapter into a standard 120V AC wall outlet.

Note: Do not use an outlet controlled by a wall switch.



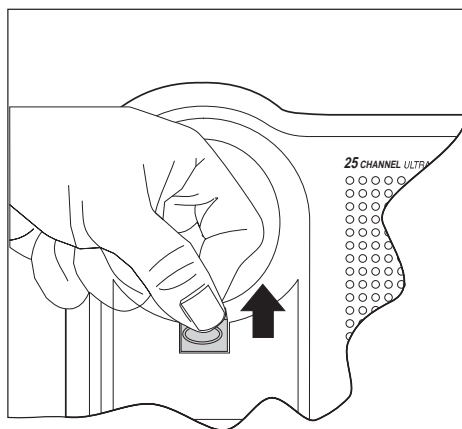
Use only the Uniden AC Adapter supplied with this phone.



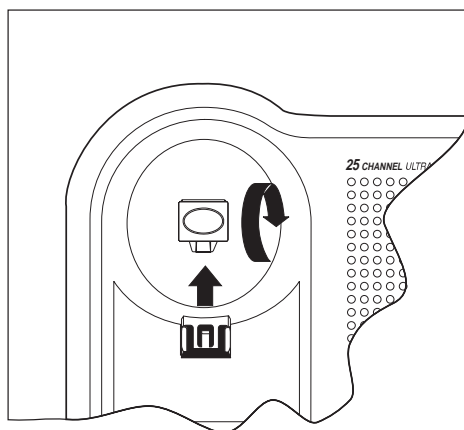
Setting the Handset Retainer

The Handset Retainer holds the Handset in place if your phone is mounted on a wall. The steps below describe how to remove and replace the retainer so that the tab faces up.

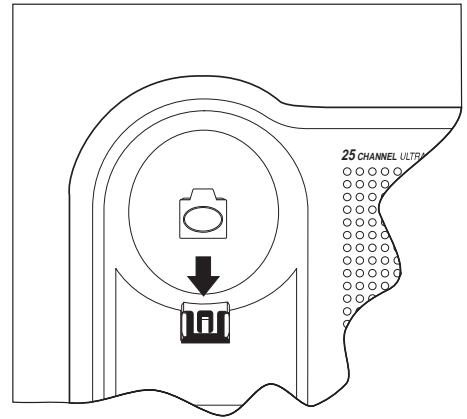
1. Push up on the Handset Retainer on the Base Unit, and slide the tab out.



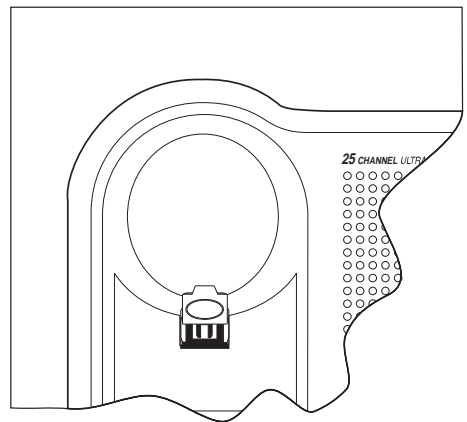
2. Flip the retainer over so the tab faces up.



3. Put the retainer back into its slot on the Base Unit.



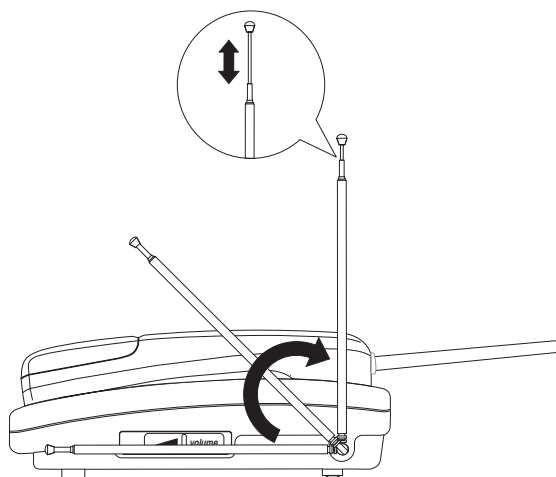
4. Push down on the Handset Retainer until it snaps into place.



Setting Up Your Phone

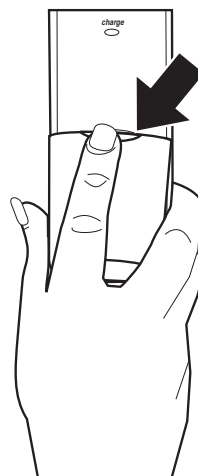
Extending the Antenna

Before using your phone, be sure to raise the antenna to the vertical position.

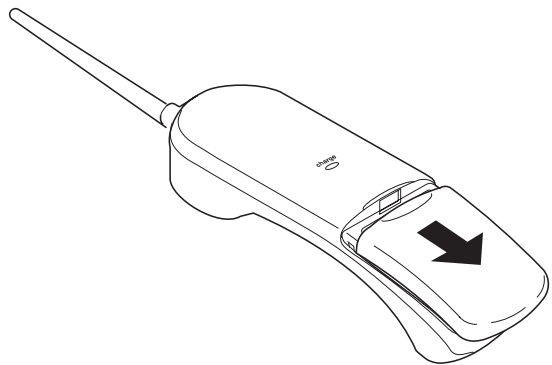


Installing the Handset Battery Pack

1. Press in on the Battery Cover Release.

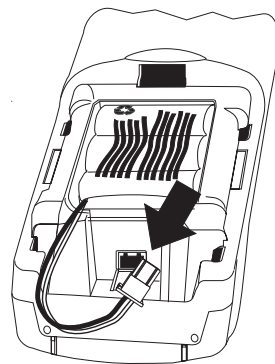


2. Slide the battery compartment cover down.

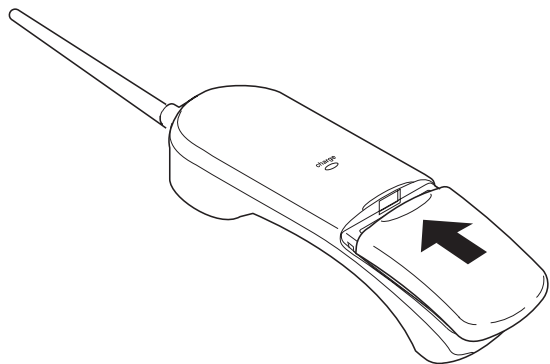


3. Align the plastic connector of the Nickel-Cadmium battery pack with its socket and plug it in.

Note: The black lead will be on the left when the plug is properly aligned.



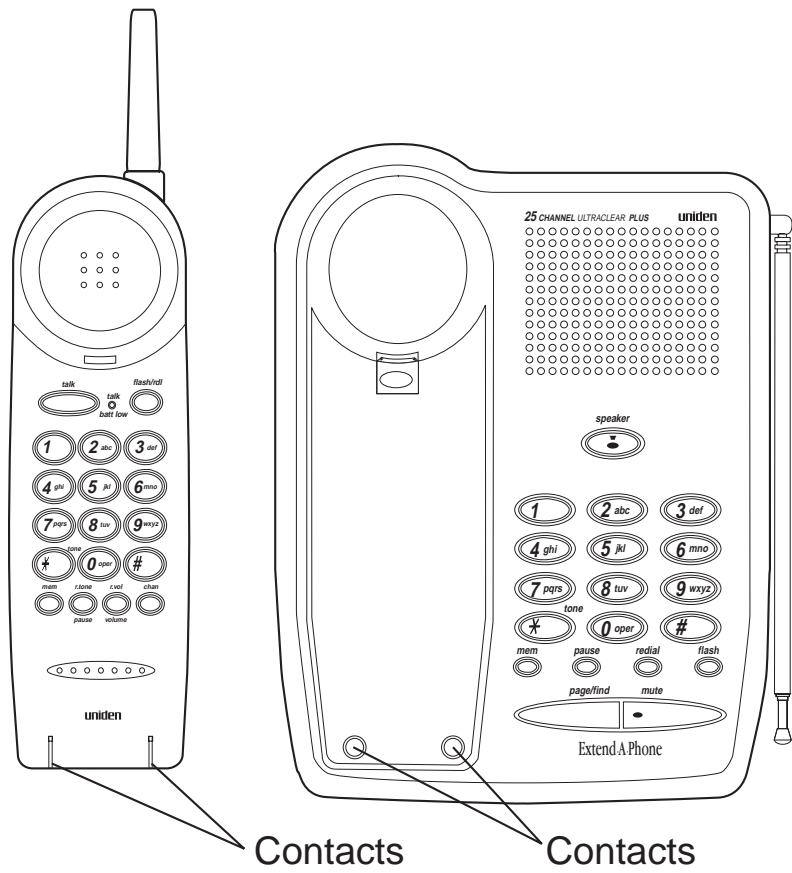
4. Place the battery pack inside the battery compartment, and slide the battery cover back on.



Note: The built-in Memory Backup feature allows up to 3 minutes to disconnect the old battery pack and install a new one without losing any numbers stored in memory.

Cleaning the Battery Contacts

To maintain a good charge, it is important to clean all charging contacts on the Handset and Base Unit about once a month. Use a pencil eraser or other contact cleaner. **Do not** use any liquids or solvents.



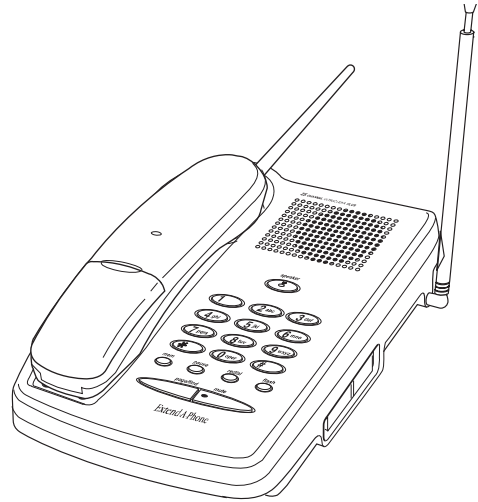
Charging the Battery Pack

Initial Battery Charging

The rechargeable Nickel-Cadmium battery pack must be fully charged before using your phone for the first time. We recommend that the battery pack charge for approximately 15-20 hours, without interruption, before plugging the phone line into your new phone.

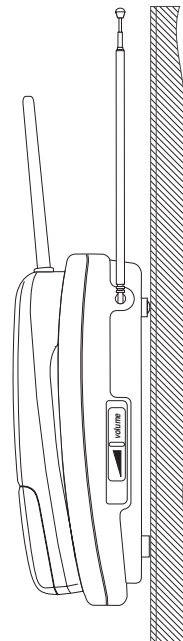
1. Place the Handset on the Base Unit.

—or—

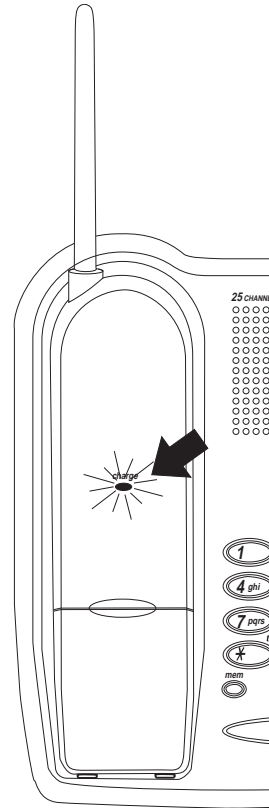


Hang the Handset on the cradle when the phone is mounted on a wall.

Note: Make sure to change the Handset Retainer before hanging up the phone.



2. Make sure the **charge** LED lights. If the LED doesn't light, check to see that the AC Adapter is plugged in, and that the Handset is making good contact with the Base Unit charging contacts.

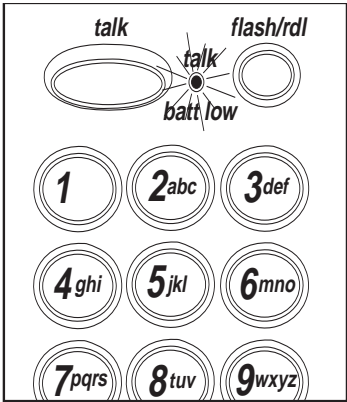


Continuous Battery Charging


For the best battery performance, return the Handset to the Base Unit at the end of the day. This keeps the battery fully charged and avoids the battery "memory effect."

Low Battery Indicator

When the Battery Pack in the Handset is very low and needs to be charged, the **talk/batt low** LED flashes.



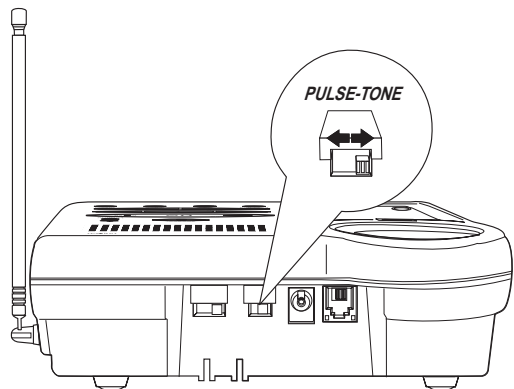
If the **talk/batt low** LED begins to flash, the phone is programmed to limit its functions to save power. The table below describes what to do to return your phone to normal operation.

DURING A CALL	IN STANDBY MODE
Only the  button operates.	None of the buttons will operate.
The Handset beeps and the talk/batt low LED flashes once every 3 seconds.	The Handset talk/batt low LED flashes once every 3 seconds.
Complete your call as quickly as possible.	You will not be able to make a call.
Return the Handset to the Base Unit for charging.	Return the Handset to the Base Unit for charging.

Note: Allow 15 to 20 hours without any interruption for the Handset to fully recharge.

Setting the Pulse/Tone Switch


Be sure the **PULSE/TONE** switch is in the **TONE** position.

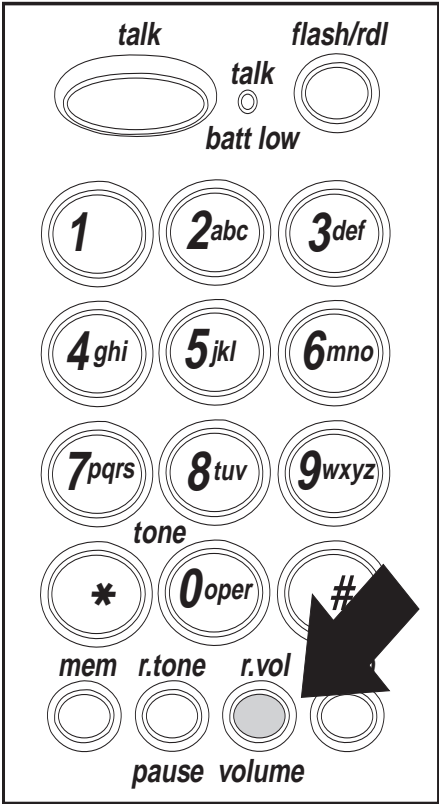


Note: Most phone systems are Tone dialing. Check with your local phone company if you are not sure whether your system is Tone or Pulse dialing.

Adjusting Ringer/Volume Controls


Handset Volume Controls

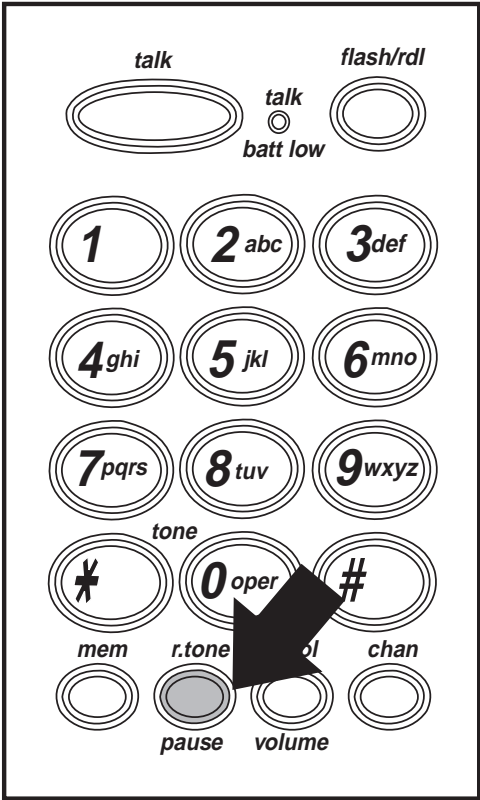
To adjust the ringer volume of your Handset, press  when the phone is not in use.




Handset Ringer Volume Control

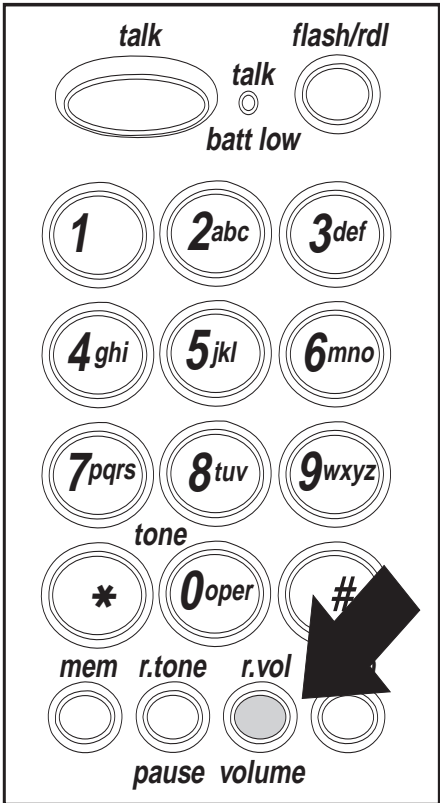
You can also select one of two different ringer tones for the Handset.

Press  to select a different ringer tone when the phone is not in use.



Handset Ringer Tone Select Button

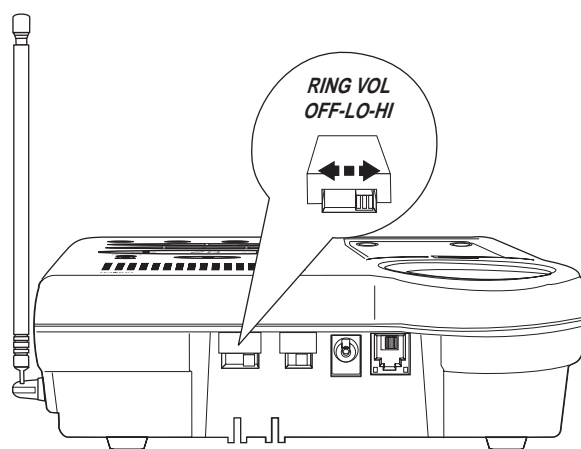
To adjust the receiver volume, press  while you are on a call.



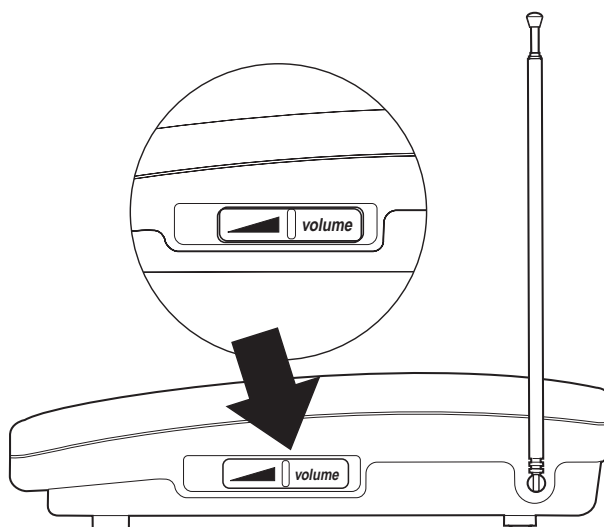
Handset Receiver Volume Control

Base Volume Controls

To adjust the Base Unit ringer volume, move the **RING VOL-OFF LO HI** switch to the desired setting.



To adjust the Base speaker volume, slide the **VOLUME** control to the desired setting.

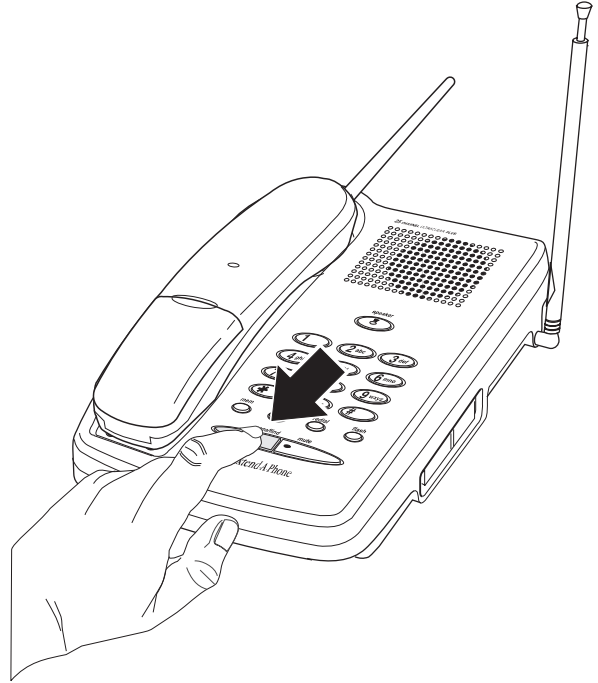


Automatic Digital Code Security

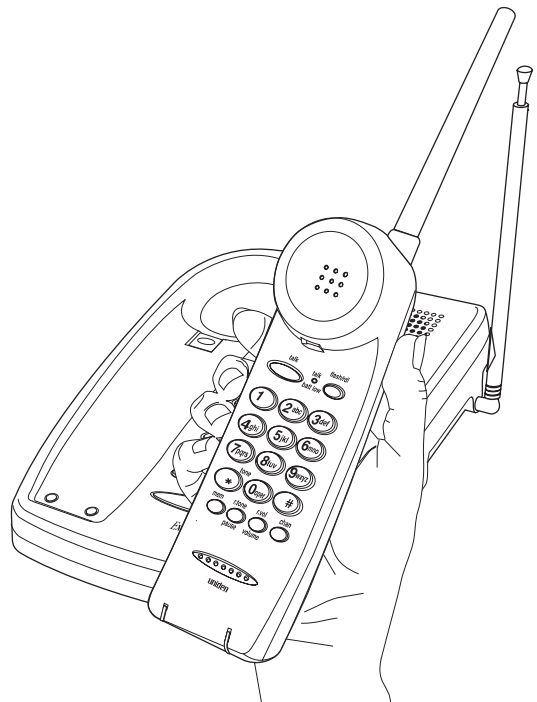
To avoid unauthorized calls on your phone, a Digital Code feature was added to all **XC645** phones. This Digital Code is shared only between the Handset and Base Unit. The Code is set *automatically* when you first use the phone.

To change the Digital Code, be sure the Handset is on the Base, then:

1. Press **page/find** on the Base Unit.

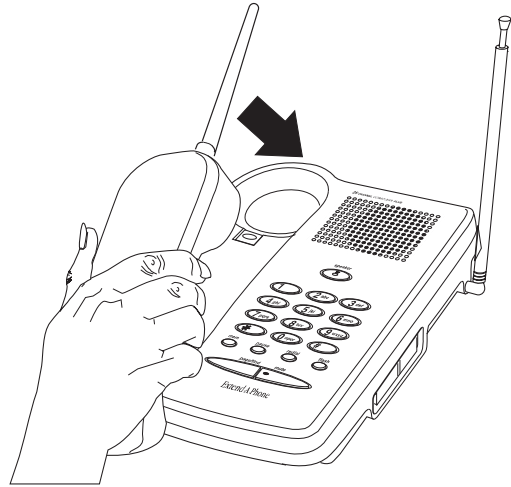


2. After the Handset stops beeping, remove it from the Base Unit.



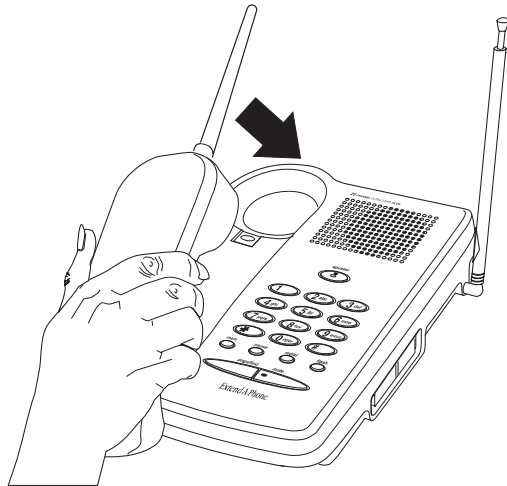
3. Wait 5 seconds then place the Handset on the Base Unit.

*The **charge** LED will blink quickly, indicating that the Code has changed.*

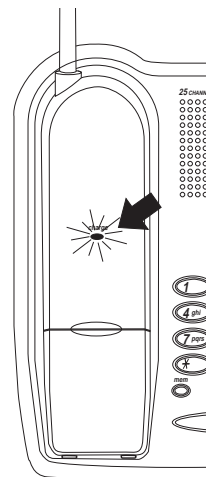


If the Base Unit loses power while the Handset is off the Base, the Digital Code may be erased. When this happens, the Handset will not function. To reestablish communication between the Handset and Base Unit:

1. Restore power to the Base Unit.
2. Place the Handset back on the Base Unit.



3. The **charge** LED will blink quickly, indicating that the Digital Security Code has been reset.













Using Your Phone

The **XC645** has dual keypads—one in the Handset, and one on the Base Unit. This is like having two separate phones because most operations can be performed using either the Handset or the Base units.

Making and Receiving Calls




The following features of the **XC645** phone are different depending on the Handset's location when you make or receive a call.

	HANDSET ON BASE	HANDSET OFF BASE	BASE UNIT
ANSWER CALL	Pick up Handset (AutoTalk)	Press 	1) Press speaker <i>The speaker LED Lights.</i> 2) Talk into the microphone
MAKE CALL	1) Pick up Handset 2) Press  3) Listen for dial tone 4) Dial the number	1) Press  2) Listen for dial tone 3) Dial the number	1) Press speaker 2) Listen for dial tone 3) Dial number
HANG UP	Press  — OR — Return Handset to Base (AutoStandby)		Press speaker . <i>The speaker LED goes off.</i>
REDIAL	1) Pickup Handset 2) Press  3) Listen for dial tone 4) Press 	1) Press  2) Listen for dial tone 3) Press 	1) Press speaker <i>The speaker LED lights.</i> 2) Listen for dial tone 3) Press redial

Note: Sometimes when you press  to hang up the phone, you may get an error tone and the phone will not disconnect. If this happens, place the Handset on the Base Unit or press  again while holding the Handset close to the Base Unit.

Changing Channels, Mute, Flash, and Page/Find

To change channels or access call waiting while the phone is in use, or to use the one-way page to locate the Handset, follow these steps:

	HANDSET	BASE UNIT
CHANGING CHANNELS	Press  Note: Change channels to help eliminate background noise.	Note: You must use the Handset to change channels.
MUTE	Note: You can only mute a call while using the Base Unit.	Press mute to disable the Base Unit microphone. The mute LED lights. Note: You will be able to hear the caller, but they will not hear you.
FLASH	If the <i>call waiting</i> tone sounds, press  to accept the waiting call. — OR — If you have finished a call and want to make another call, press  to hang up and get a dial tone.	If the <i>call waiting</i> tone sounds, press flash to accept the waiting call. — OR — If you have finished a call and want to make another call, press flash to hang up and get a dial tone.
PAGE/FIND	Note: When page/find is pressed on the Base Unit, the Handset beeps 5 times.	Press page/find on the Base Unit to locate the Handset.

Programming Your Phone

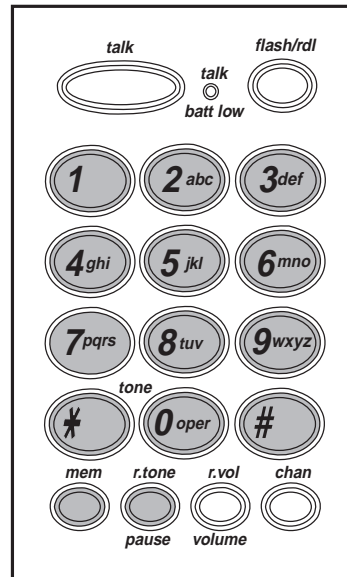
For convenience, both the Handset and Base units have ten memory locations, so you can store the numbers you use most often in either place. Just remember that all programming functions must be completed when your phone is in the standby mode, since the programming keys do not function while you are on the phone.


Storing a Number in Memory

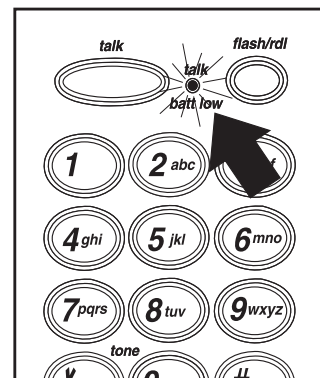
Handset Operaton

Use these keys to store a number in memory with the Handset.

Note: An error tone will sound and the programming procedure will be canceled if more than 20 seconds elapse between each keystroke entry or step.



1. Remove the Handset from the Base Unit.
2. Press  .
The **talk/batt low** LED blinks.



3. Enter the number you want to store (up to 16 digits).

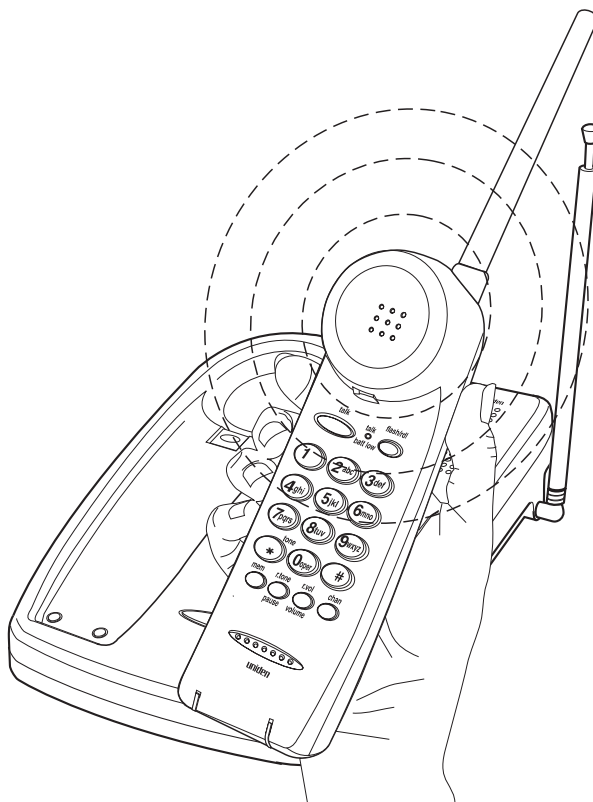


4. If a pause is needed during dialing to access a long distance service, press ● .



Note: The ● button counts as one digit. Pressing ● more than once increases the length of the pause between numbers.

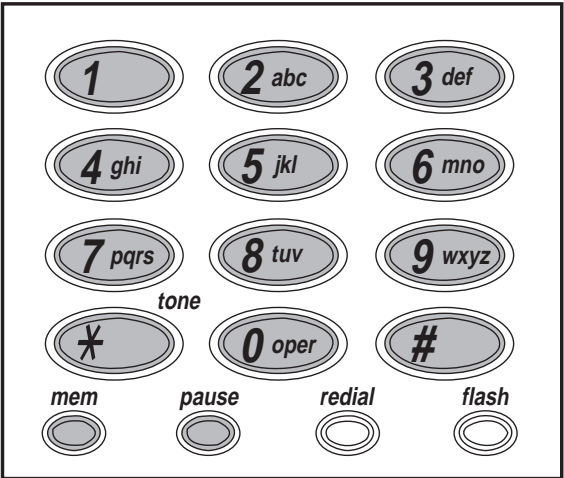
5. Press ● again .
6. Enter the memory location (0-9).
A tone indicates that the number is stored.



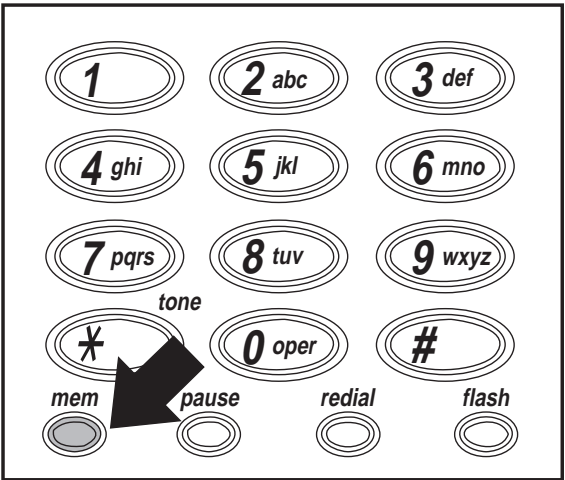
Base Operation

Use these keys to store a number in memory with the Base Unit.

Note: An error tone will sound and the programming procedure will be canceled if more than 20 seconds elapse between each keystroke entry or step.



- 1. Press ● .

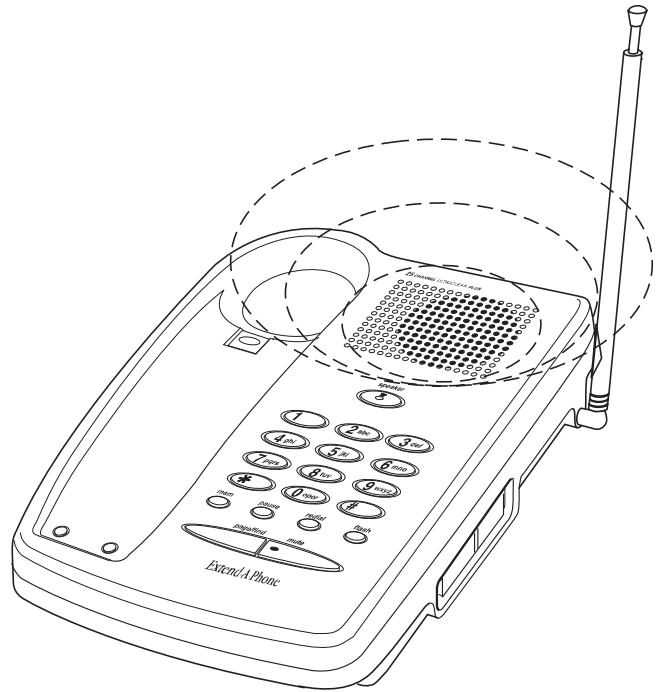


- 2. Enter the number you want to store (up to 16 digits).
- 3. If a pause is needed during dialing to access a long distance service, press ● .



Note: The ● button counts as one digit. Pressing ● more than once increases the length of the pause between numbers.

4. Press ● again.
5. Enter the memory location (0-9).
A tone indicates that the number is stored.



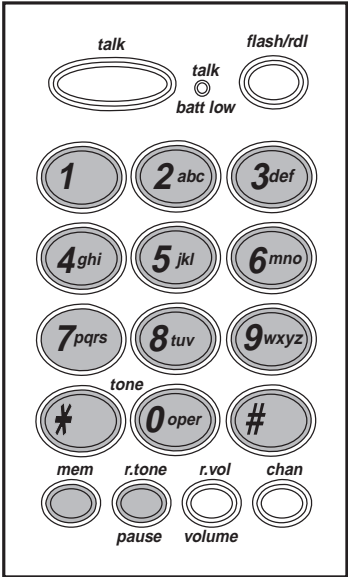
Storing a Mixed Number

If your phone is set up for Pulse dialing, you can store a mixed mode number so that you can easily access long distance services.

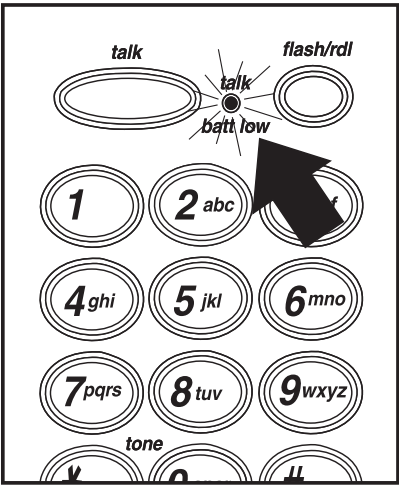
Handset Operation

Use these keys to store a mixed mode number in memory with the Handset.

Note: An error tone will sound and the programming procedure will be canceled if more than 20 seconds elapse between each keystroke entry or step.



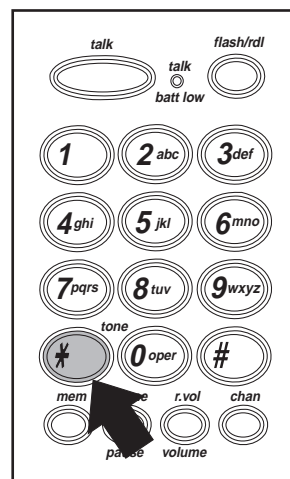
- 1. Remove Handset from the Base Unit.
- 2. Press  .
The **talk/batt low** LED blinks.



- 3. Enter the number to be dialed in pulse mode.



4. Press **tone** on the Handset.



5. Enter the number to be dialed in tone mode.

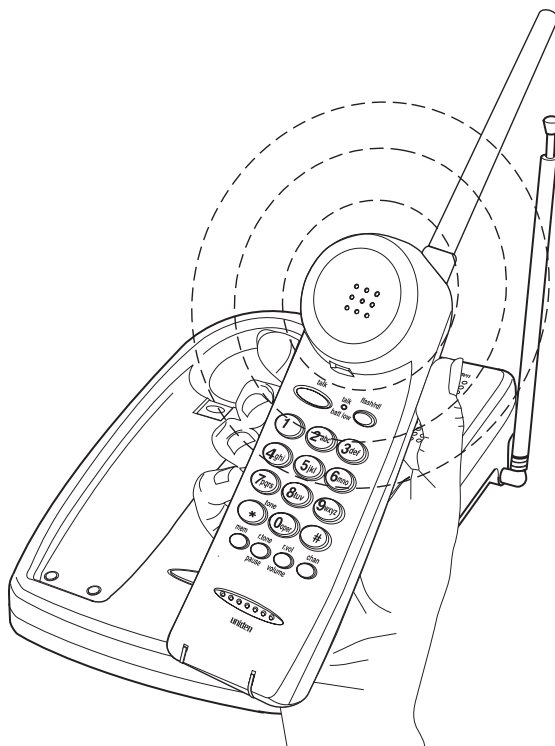


6. If a pause is needed during dialing to access a long distance service, press ● .



Note: The ● button counts as one digit. Pressing ● more than once increases the length of the pause between numbers.

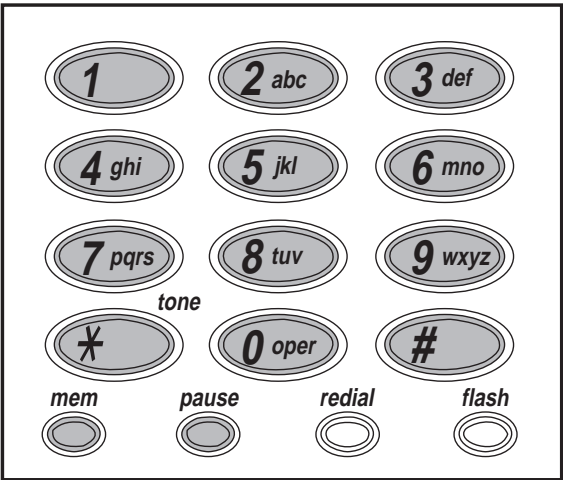
7. Press ● again.
8. Enter the memory location (0-9).
A tone indicates that the number is stored.



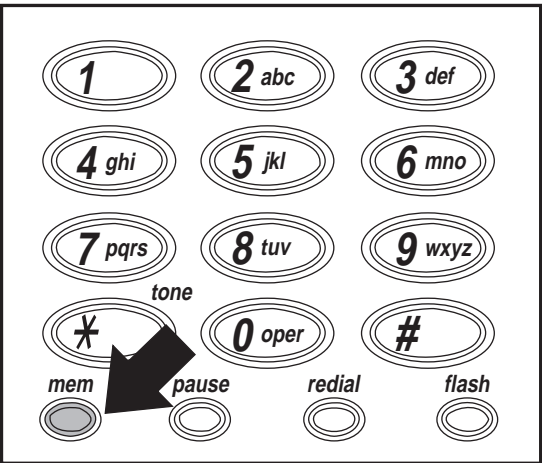
Base Operation

Use these keys to store a mixed mode number in memory with the Base Unit.

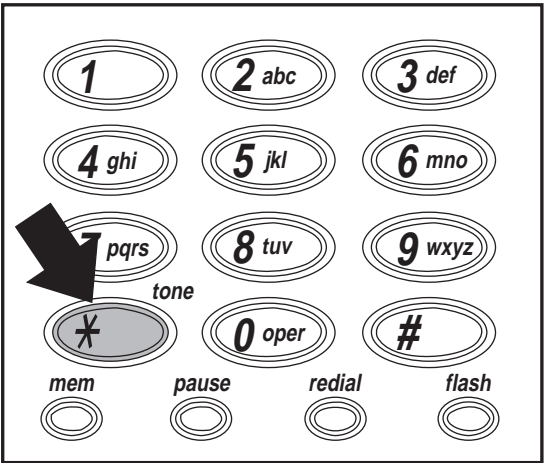
Note: An error tone will sound and the programming procedure will be canceled if more than 20 seconds elapse between each keystroke entry or step.



- 1. Press ● .



- 2. Enter the number to be dialed in pulse mode.
- 3. Press **tone** on the Base Unit.






4. Enter the number to be dialed in tone mode.

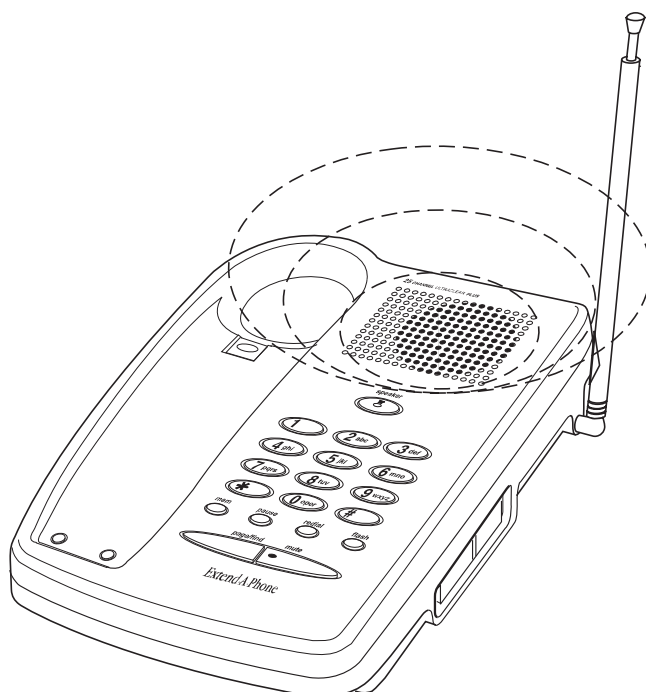


5. If a pause is needed during dialing to access a long distance service, press



Note: The  button counts as one digit. Pressing  more than once increases the length of the pause between numbers.

6. Press  again.
7. Enter the memory location (0-9).
A tone indicates that the number is stored.



Dialing a Stored Number

To dial a number previously stored in memory, follow these steps:

HANDSET	BASE UNIT
Remove the Handset from the Base Unit.	Press <i>speaker</i>
<i>The speaker LED lights.</i>	
Press ●	Press ●
Press ● Press the memory location number (0-9) you want dialed.	Press the memory location number (0-9) you want dialed.

Chain Dialing

On certain occasions, after dialing a number, you may be requested by the party or service you are calling to enter a special access code, such as when performing a banking transaction. To do this, simply:

- 1. Store the access code into one of the memory numbers.
- 2. Dial the main number.
- 3. At the appropriate time, press ● followed by the memory location number where the access code is saved.

Erasing a Stored Number


To erase a number previously stored in a memory location, follow these steps:

HANDSET	BASE UNIT
Remove the Handset from the Base Unit.	Press ● <i>twice</i> .
Press ● <i>twice</i> .	Press the memory location number (0-9).
Press the memory location number (0-9).	

Note: *An error tone will sound and the erase procedure will be canceled if more than 20 seconds elapse between each keystroke entry or step.*

Troubleshooting

If your **XC645** Cordless Telephone is not performing to your expectations, please try these simple steps. If you are still unable to resolve the problems, contact Uniden Customer Service at (800) 297-1023, 8:00 a.m. to 5:00 p.m. Central, Monday through Friday.

PROBLEM	SUGGESTION
Charge light won't come on when Handset is placed in Base Unit.	<ul style="list-style-type: none"> • Make sure AC Adapter is plugged into the Base Unit and wall outlet. • Make sure Handset is properly seated in Base Unit. • Make sure that the charging contacts on the Handset and Base Unit are clean.
Audio sounds weak and/or scratchy.	<ul style="list-style-type: none"> • Make sure that the Base Unit antenna is fully extended and vertical. • Move the Handset and/or Base Unit to different locations and try again. • Press the  button to select another channel.
Can't make or receive calls.	<ul style="list-style-type: none"> • Check both ends of the Base Unit telephone line cord. • Make sure the AC Adapter is plugged into the Base Unit and wall outlet. • Disconnect the AC Adapter for a few minutes, and then reconnect it.
Handset doesn't ring or receive a page.	<ul style="list-style-type: none"> • Nickel-Cadmium battery pack may be weak. Charge the battery on the Base Unit for 15–20 hours. • Extend the Base Unit antenna vertically. • The Handset may be too far away from the Base Unit. • Place the Base Unit away from noise sources. • The Digital Security Code may be erased. Set the Digital Code.
Hear only continuous static from Handset and phone will not turn off.	<ul style="list-style-type: none"> • The power has been interrupted during a call. • Restore power to the Base Unit. Make sure the phone is not plugged into an outlet controlled by a wall switch. • If a power failure has occurred and power will be out for some time, remove the battery from the Handset. This will prevent the battery from completely discharging.

Specifications

General – The **XC645** complies with FCC Parts 15 and 68.

Frequency Control	PLL
Modulation	FM
Operating Temperature	– 10° to 50° C

Base Unit

Receive Frequency	48.76 to 49.99 MHz (25 Channels)
Transmit Frequency	43.72 to 46.97 MHz (25 Channels)
Power Requirements	120V AC 60 Hz \pm 3V AC
Size	8 $\frac{1}{2}$ " (H) x 6 $\frac{1}{2}$ " (W) x 2 $\frac{1}{4}$ " (D)
Weight	Approx. 15.7 oz.

Handset

Receive Frequency	43.72 to 46.97 MHz (25 Channels)
Transmit Frequency	48.76 to 49.99 MHz (25 Channels)
Power Requirements	Rechargeable Ni-Cd Battery Pack
Size	7 $\frac{3}{4}$ " (H) x 2" (W) x 2 $\frac{1}{4}$ " (D) (w/o antenna)
Weight	Approx. 10 oz. (including battery)
Battery	BT-185
Capacity	270 mAh, 3.6V
Talk Mode	8 hours
Standby Mode	14 days

Specifications, Features, and availability of Optional Accessories are all subject to change without prior notice.

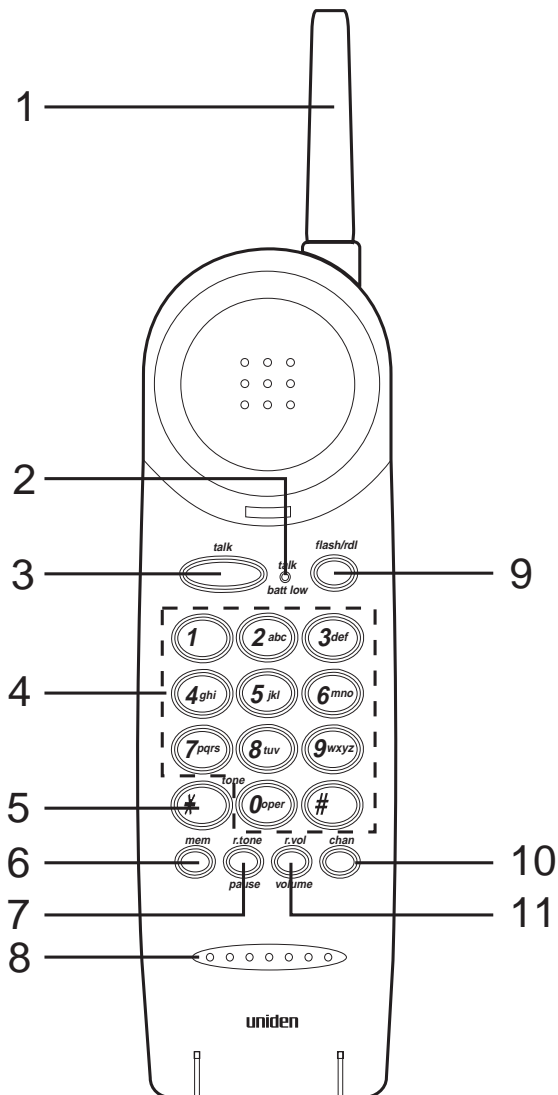
uniden®

XC645 ***Cordless Telephone***

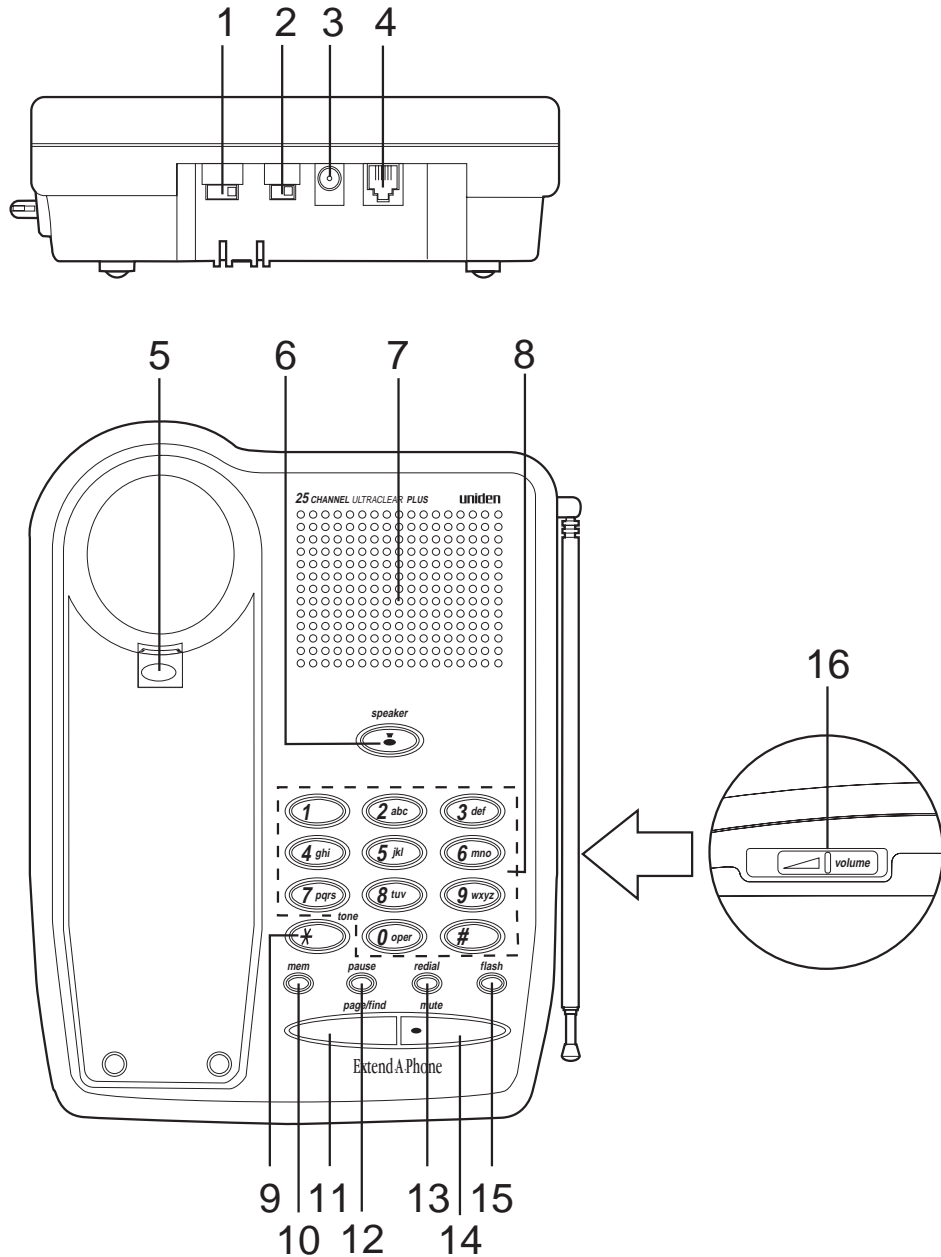


Handset Controls and Keys

1. Antenna
2. Talk/Batt Low Indicator
3. Talk Button ●
4. Numeric Keypad
5. Tone Button ●
6. Memory Key ●
7. Ringer Tone ● / Pause Key ●
8. Microphone
9. Flash ● / Redial ●
10. Channel Select ●
11. Ringer Volume ● / Volume ●



Base Unit Controls and Keys



- | | |
|----------------------------|----------------------------|
| 1. Base Ringer Switch | 9. Tone Button |
| 2. Pulse/Tone Switch | 10. Memory Button ● |
| 3. DC Power Jack | 11. Page/Find Button |
| 4. Telephone Line Jack | 12. Pause Button ● |
| 5. Handset Retainer | 13. Redial Button |
| 6. Speaker Button with LED | 14. Mute Button with LED |
| 7. Built-in Speaker | 15. Flash Button |
| 8. Numeric Keypad | 16. Speaker Volume Control |

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 this Guide . Using another charger may damage the battery, or cause the battery to explode.

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 batteries.
- Residents outside of Minnesota should contact their local authorities for information concerning reclamation and disposal of Rechargeable Nickel-Cadmium batteries.



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.

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 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 Division
4700 Amon Carter Blvd.
Fort Worth, TX 76155
(800) 297-1023, 8 a.m. to 5 p.m. Central,
Monday through Friday

Covered under one or more of the following U.S. patents:

4,511,761

4,595,795

4,797,916

4,523,058

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