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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 **XCA650** Cordless Telephone. This phone is designed to exacting standards which provide reliability, long life, and outstanding performance.

Features

- 25 Channels
- AutoTalk™
- AutoStandby™
- Speakerphone
- Pulse/Tone Dialing
- 10-Number Memory
- Redial/Flash Key
- 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.

Visit our web site at <http://www.uniden.com>.

Included with the XCA650

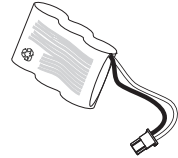
If any of these items are missing or damaged, contact Uniden Customer Service at: (800) 297-1023, 8:00 am to 5:00 pm Central, Monday through Friday.



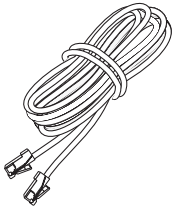
Handset



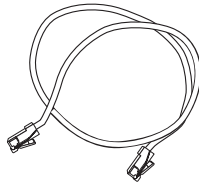
Base Unit



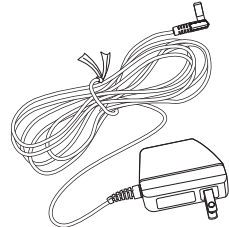
Rechargeable Battery



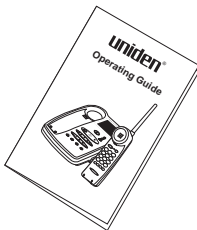
Long Telephone Cord



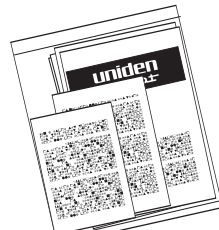
Short Telephone Cord



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 19 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

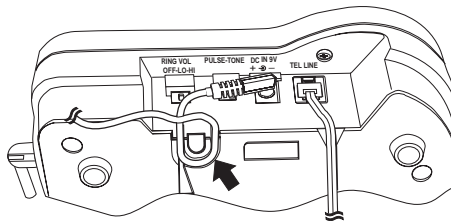
Consider these safety guidelines before connecting the telephone cords:

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

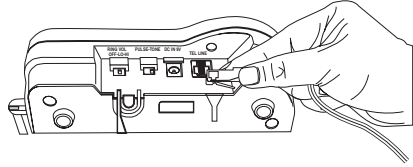
All the **XCA650** phones require an AC outlet, without a switch to interrupt power, and the included AC Adapter. To relieve strain on the DC plug when the phone is placed on a desk or table, connect the adapter as shown below.



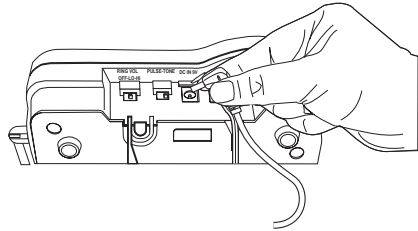
Wrap the power cord around the convenient notch on the bottom.

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.*

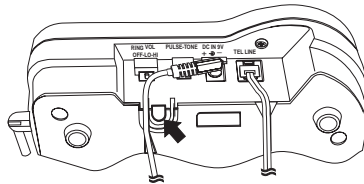
2. Plug one end of the long telephone cord into the **TEL LINE** jack on the Base Unit.



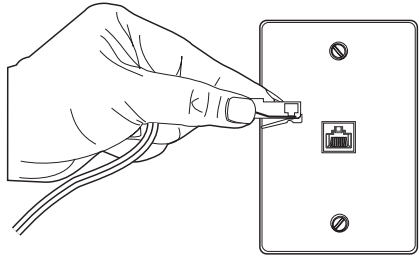
3. Plug the AC Adapter cord into the 9V DC input jack on the Base Unit.



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.

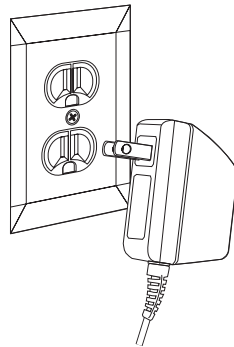


6. Plug the AC Adapter into a standard 120V AC wall outlet.

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



Use only the Uniden AC Adapter supplied with this phone.

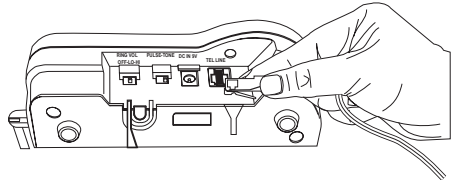


Wall Installation

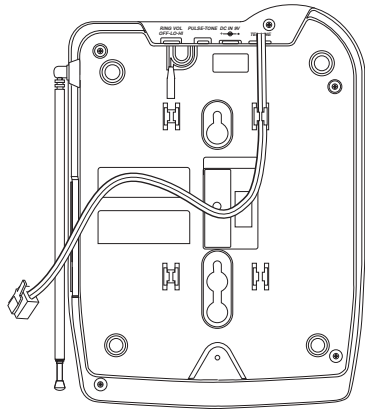
Standard Wall Plate Mounting

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

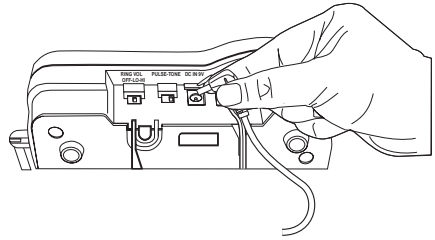
1. Plug one end of the short telephone cord into the **TEL LINE** jack on the Base Unit.



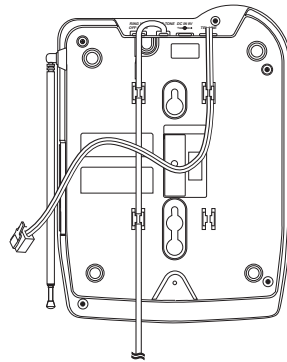
2. Place the telephone cord inside the molded channel on the bottom of the Base Unit.



3. Plug the AC Adapter into the Base Unit.

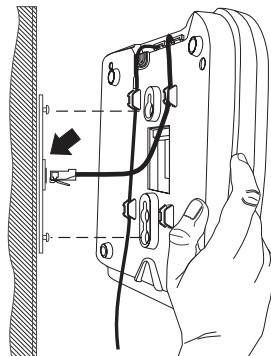


4. Place the AC Adapter cord inside the molded channel.



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.

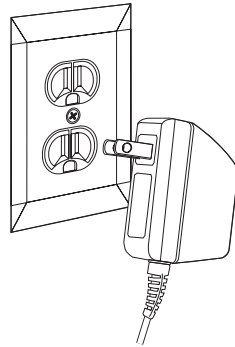


6. Plug the AC Adapter into a standard 120V AC wall outlet.

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



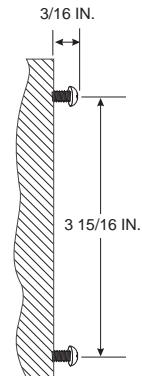
Use only the Uniden AC Adapter supplied with this phone.



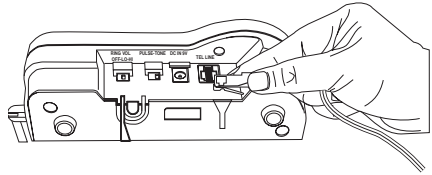
Direct Wall Mounting

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:

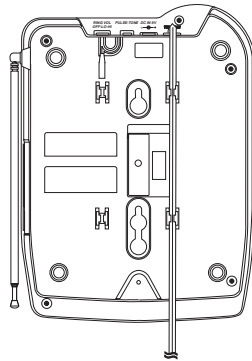
- Select a location away from electrical cables, pipes, or other items behind the mounting location that could cause a hazard when inserting screws into the wall.
 - Make sure the wall material is capable of supporting the weight of the Base Unit and Handset.
 - Use #10 screws with anchoring devices 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.



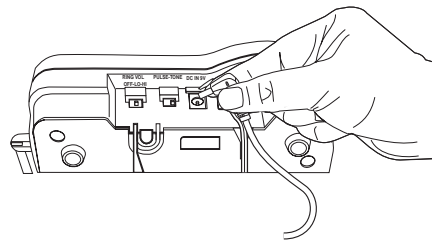
2. Plug one end of the long telephone cord into the **TEL LINE** jack on the Base Unit.



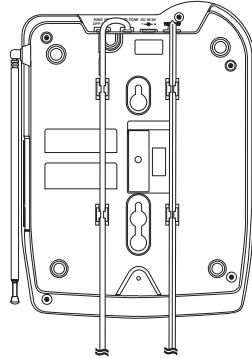
3. Place the cord inside the molded channel on the bottom of the Base Unit.



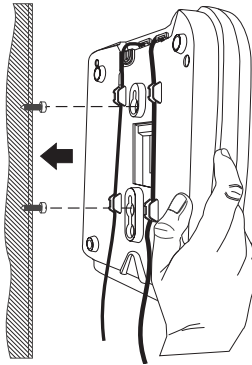
4. Plug the AC Adapter into the Base Unit.



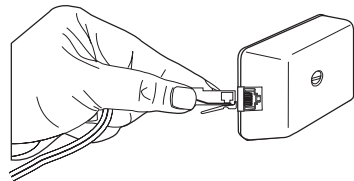
5. Place the AC Adapter cord inside the molded channel.



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.

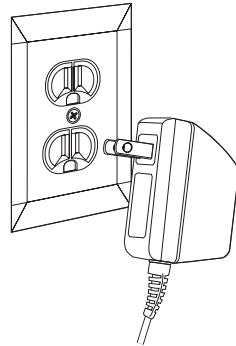


8. Plug the AC Adapter into a standard 120V AC wall outlet.

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



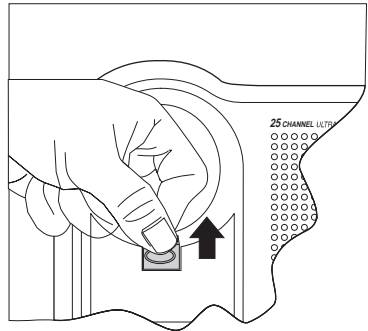
Use only the Uniden AC Adapter supplied with this phone.



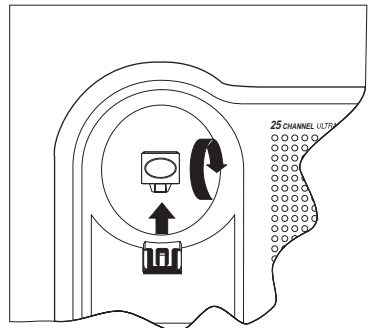
Setting the Handset Retainer

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.

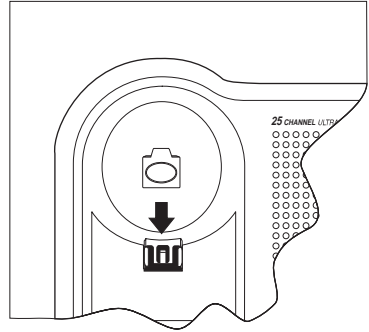
1. Push up on the Handset Retainer on the Base Unit, and slide the tab out.



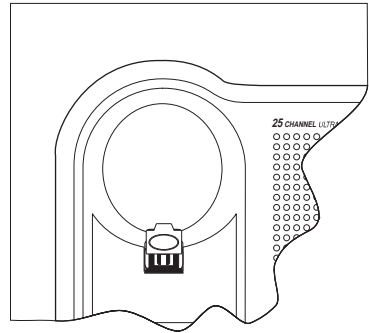
2. Flip the retainer over so the tab faces up.



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



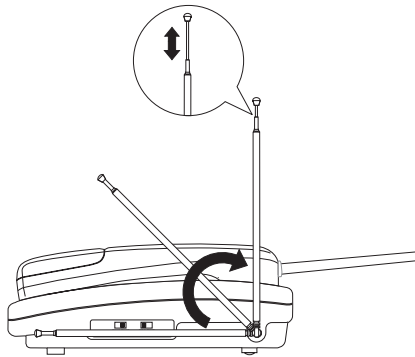
4. Push down on the Handset Retainer until it snaps into place.



Setting Up Your Phone

Extending the Antenna

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

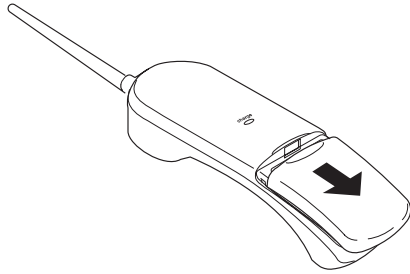


Installing the Handset Battery Pack

1. Press in on the Battery Cover Release.

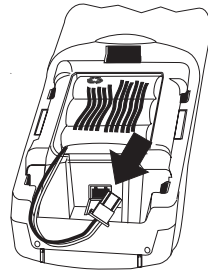


2. Slide the battery compartment cover down.

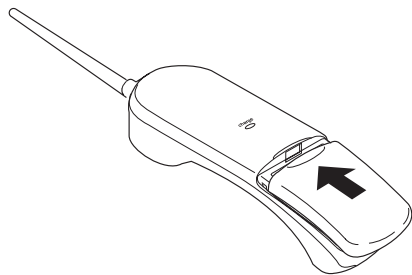


3. Align the plastic connector of the Nickel-Cadmium battery pack with its socket and plug it in.

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



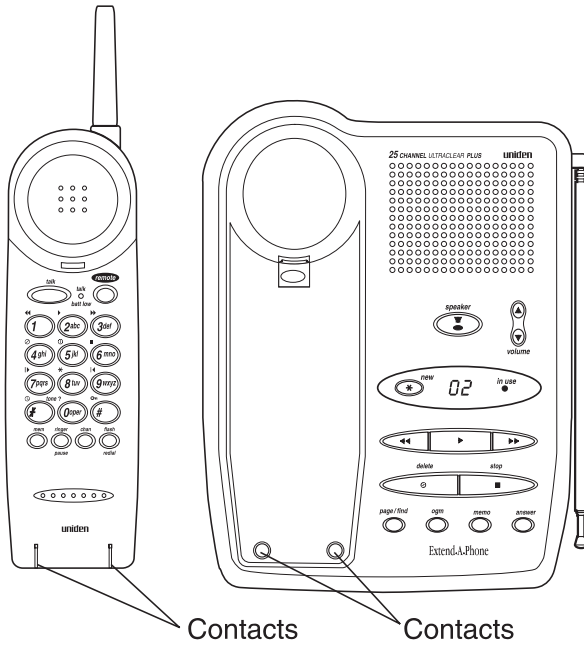
4. Place the battery pack inside the battery compartment, and slide the battery cover back on.



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.



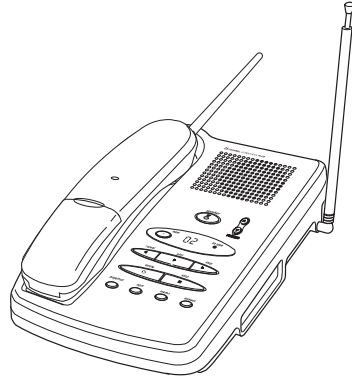
Charging the Battery Pack

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.

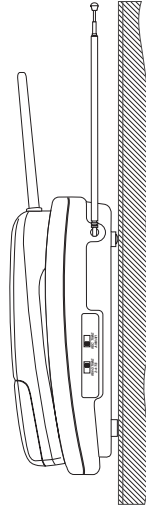
1. Place the Handset on the Base Unit.

—or—

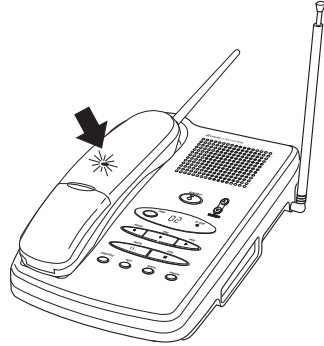


Hang the Handset on the cradle when the phone is mounted on a wall.

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

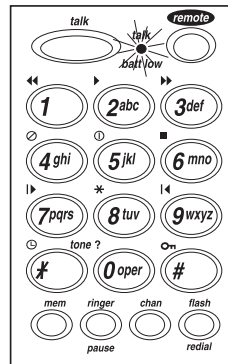


2. Make sure the **charge** LED lights. If the LED doesn't light, check to see that the AC Adapter is plugged in, and that the Handset is making good contact with the Base Unit charging contacts.



Low Battery Indicator

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




Battery Memory Effect

Rechargeable batteries can develop a "memory" (reduced charge capacity) caused by repeated charge and discharge cycles. The battery life will seem to be shorter every time you use the unit.

To Avoid Memory Effect

At least once a month, operate the unit until the "Battery Low" indicator appears. Avoid "topping off" the charge after using the phone for a short time. Also, do not charge the Rechargeable Battery for extended periods of time.

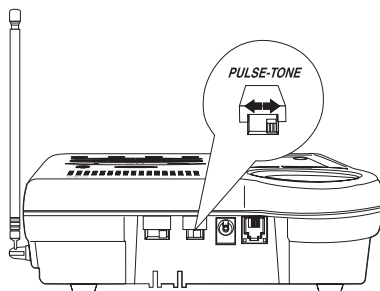
If the **talk/batt low** LED begins to flash, the phone is programmed to limit its functions to save power. The table below describes what to do to return your phone to normal operation.

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.



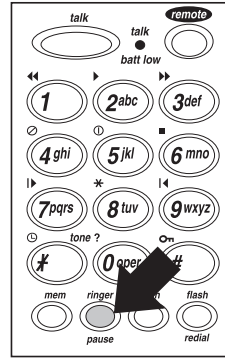
Note: Most phone systems are Tone dialing. Check with your local phone company if you are not sure whether your system is Tone or Pulse dialing.

Adjusting Ringer/Volume Controls

Handset Ringer Control

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

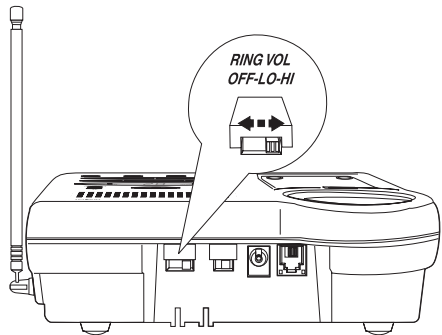
Press **ringer** to select a different ringer tone when the phone is not in use.



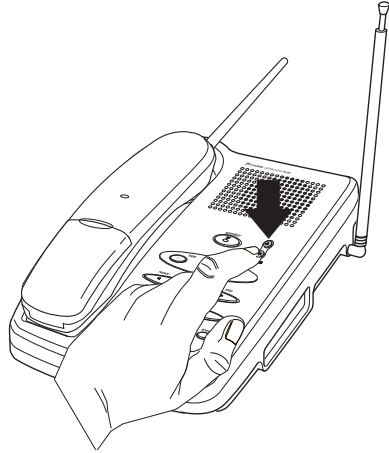
Handset Ringer Tone Select Button

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, press the **volume** control switch to achieve the desired setting.

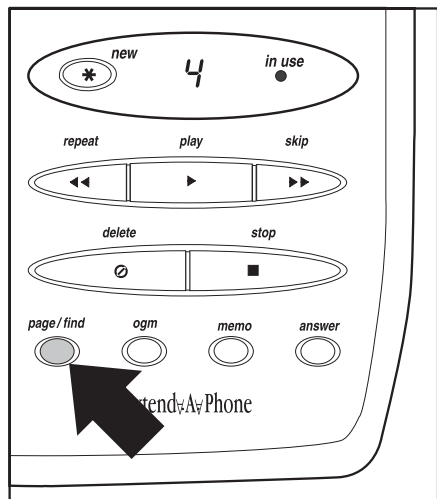


Automatic Digital Code Security

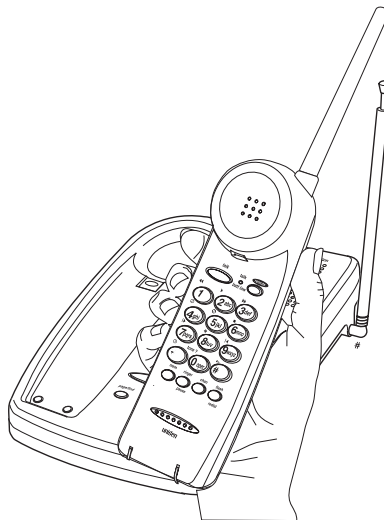
To avoid unauthorized calls on your phone, a Digital Code feature was added to all **XCA650** phones. This Digital Code is shared only between the Handset and Base Unit. The code is set *automatically* when you first use the phone.

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.



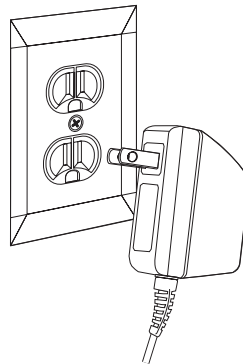
3. Wait 5 seconds then place the Handset on the Base Unit.

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

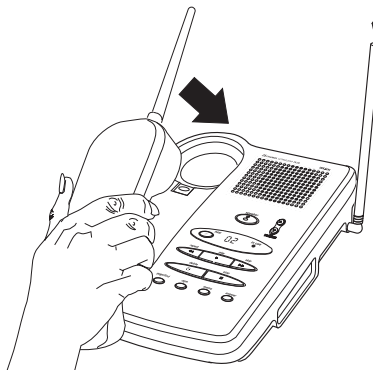


If the Base Unit loses power while the Handset is off the Base, the Digital Code may be erased. When this happens, the Handset will not function. To reestablish communication between the Handset and Base Unit:

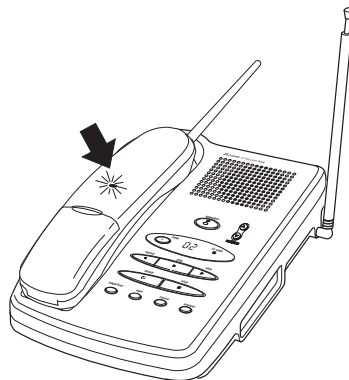
1. Restore power to the Base Unit.



2. Place the Handset back on the Base Unit.



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



Using Your Phone

Making and Receiving Calls

The following features of the **XCA650** phone are different depending on the Handset's location when you make or receive a call.

	HANDSET ON BASE	HANDSET OFF BASE
ANSWER CALL	Pick up Handset (<i>AutoTalk</i>)	Press talk on the Base Unit.
MAKE CALL	1) Pick up Handset 2) Press ● 3) Listen for dial tone 4) Dial the number	Note: You must use the Handset to make a call.
HANG UP	Press ● — OR — Return Handset to Base (<i>AutoStandby</i>)	Press speaker on the Base Unit — OR — Return Handset to Base (<i>AutoStandby</i>)
REDIAL	1) Pickup Handset 2) Press ● 3) Listen for dial tone 4) Press ●	Note: You must use the Handset to make a call.

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, 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.
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.	Note: The Base Unit does not have ●. You must use the Handset for call waiting and to make a call.
PAGE/FIND	Note: When <i>page/find</i> is pressed on the Base Unit, the Handset beeps.	Press <i>page/find</i> on the Base Unit to locate the Handset.

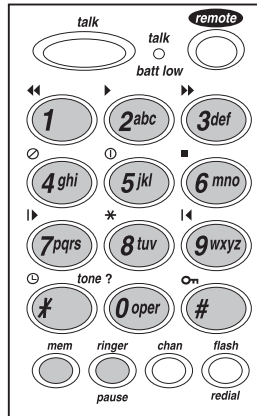
Programming Your Phone


For convenience, the Handset has 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.

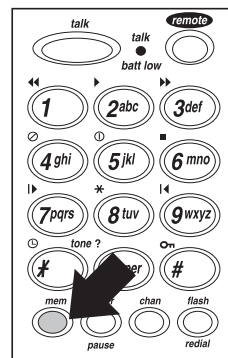
Storing a Number in Memory

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



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).



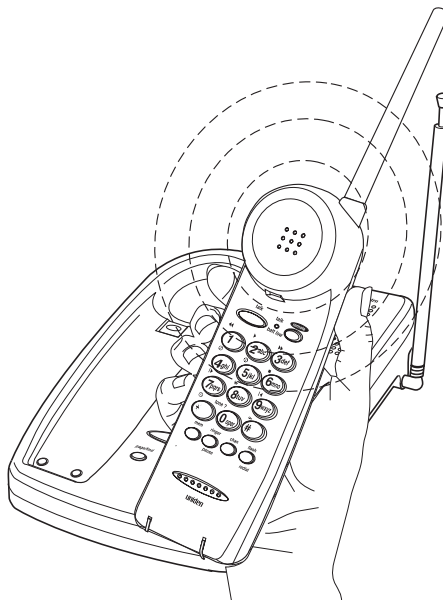
4. If a pause is needed during dialing to access a long distance service, press ● .



Note: The ● button counts as one digit and lasts three seconds. 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.

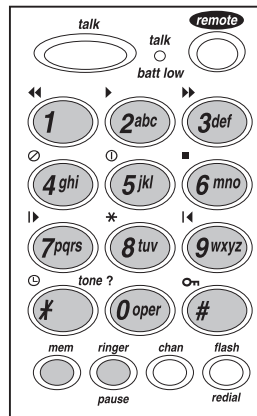


Storing a Mixed Number

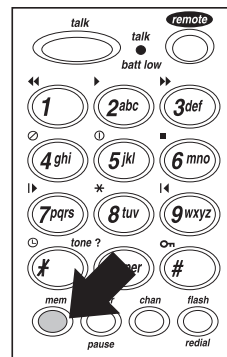
If your phone is set up for Pulse dialing, you can store a mixed mode number so that you can easily access long distance services.

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



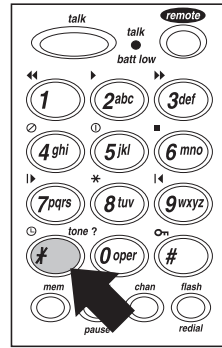
1. Remove Handset from the Base Unit.
2. Press . The **talk/batt low** LED blinks.



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.



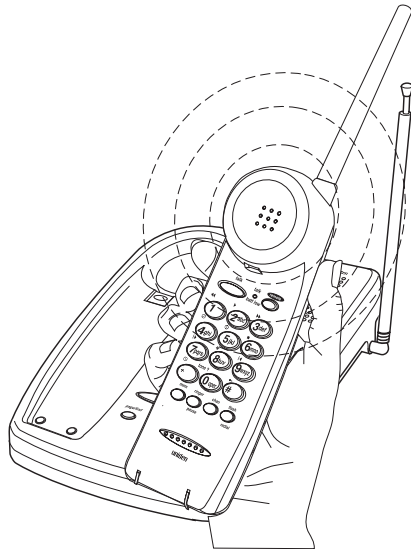
6. If a pause is needed during dialing to access a long distance service, press .



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

7. Press  again.

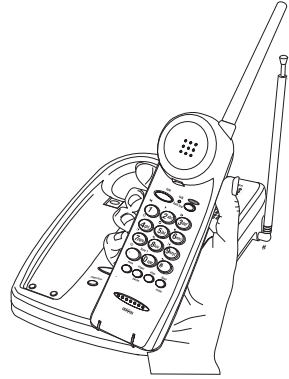
8. Enter the memory location (0-9). A tone indicates that the number is stored.



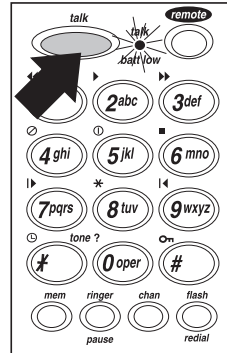
Dialing a Stored Number

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

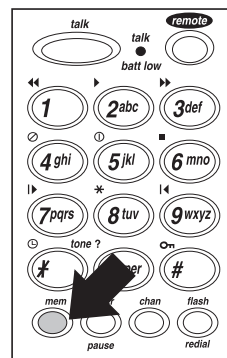
1. Remove the Handset from the Base Unit.



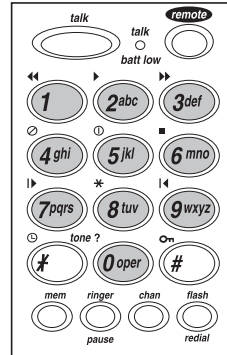
2. Press .



3. Press .




- Press the memory location number (0-9).




Chain Dialing

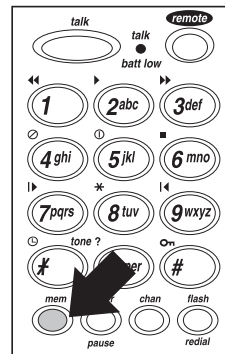
On certain occasions, after dialing a number, you may be requested by the party or service you are calling to enter a special access code, such as when performing a banking transaction. To do this, simply:

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

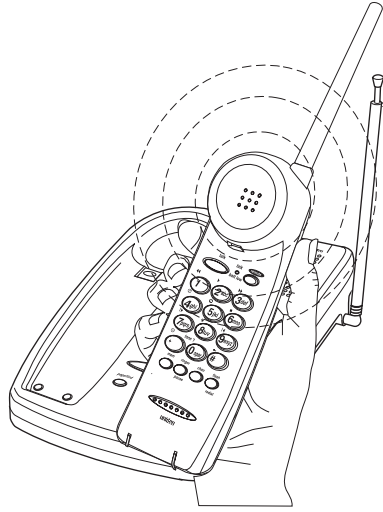
Erasing a Stored Number

To erase a number previously stored in a memory location (0-9), follow these steps:

- Remove the Handset from the Base Unit.
- Press  twice.



3. Press the memory location number (0-9).
A tone indicates the number is erased.



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.*

The Integrated Answering System

The **XCA650** has a *built-in* Answering System which answers incoming calls and records your messages. You can also use your new Answering System to record a conversation, leave a memo message for someone else who will use the phone, or to announce a special message when you'll be away from your phone.

Features

- *Digital Tapeless Recording*
- *Remote Operation from Handset*
- *Selectable Outgoing Messages*
- *Voice-Guided Help Menu*
- *Time and Day Stamp*
- *15 Minutes Record Time*
- *Call Screening*
- *Calling Party Control*
- *Built in Flash Memory Backup*
- *Toll Saver*

Digital Tapeless Recording allows you to quickly review your messages, saving or deleting the messages you choose. You'll never have to worry about a tape wearing out or resetting properly.

There is also a Voice-Guided Help Menu available when operating the remote keys from the Handset. By simply pressing one button, you can review all of the function keys on the Handset. You won't have to worry about finding a quick reference card because help is really at your fingertips.

Your **XCA650** is an advanced, integrated system which offers you maximum flexibility, but ***please read*** through the sections that explain all of the features before using your Answering System.

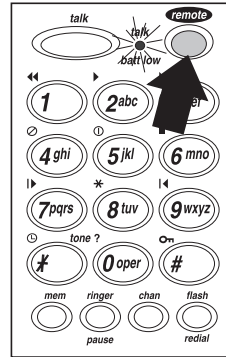
Answering System Setup

Turning the Answering System On/Off

Handset Operation

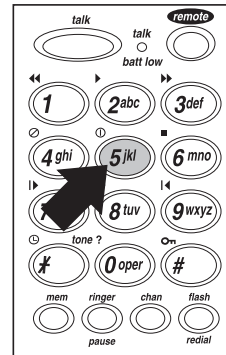
1. To turn the Answering System on, press **remote**.

The **talk/batt low** LED lights green. The current Time and Day Stamp and number of new messages recorded is announced in the Handset receiver.



2. Press ①.

You will hear a tone in the Handset followed by the announcement: "Answering System on."

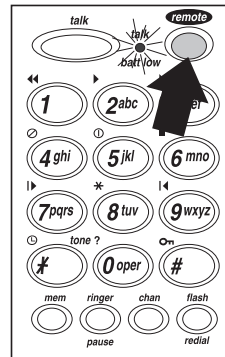


3. Press **remote** again to return to Standby.

The **talk/batt low** LED turns off.

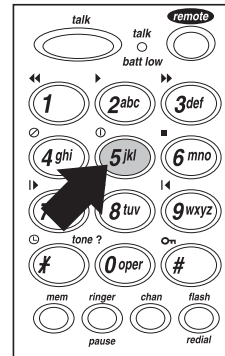
4. To turn the Answering System off, press **remote**.

The **talk/batt low** LED lights green. The current Time and Day Stamp and number of messages recorded is announced on the Handset receiver.



5. Press **1**.

You will hear a tone in the Handset followed by the announcement: "Answering System off."



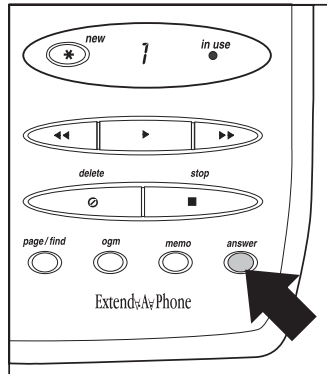
6. Press **remote** again to return to Standby.

The **talk/batt low** LED turns off.

Base Operation

1. To turn the Answering System on, press **answer**.

A tone sounds, and the current outgoing message plays on the Base Unit speaker. A second tone sounds to indicate the unit is ready to answer calls, and the Message Counter LED turns on.



2. To turn the Answering System off, press **answer** again.

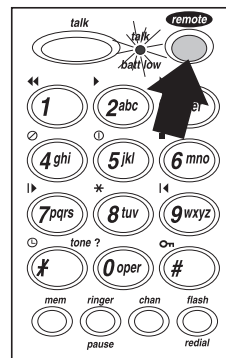
A tone sounds and the Message Counter LED turns off.

Setting the Clock

The clock in your **XCA650** Answering System starts when power is applied to the Base Unit. Follow these steps to set the clock to the correct time.

1. Press **remote** on the Handset.

*The **talk/batt low** LED lights green.*




2. Press .

Then enter the number which corresponds to the day.


Day of the Week	Press
Sunday	1
Monday	2
Tuesday	3
Wednesday	4
Thursday	5
Friday	6
Saturday	7


3. Enter the two-digit number for the hour (01-12) and the minute (00-59).

4. To set AM, press .


To set PM, press .

Note: A beep indicates the new time is programmed, and the new Time and Day Stamp is announced in the Handset receiver.

5. Press  to return to Standby.

6. For example, to set Tuesday at 3:20 PM, press  followed by these keys.



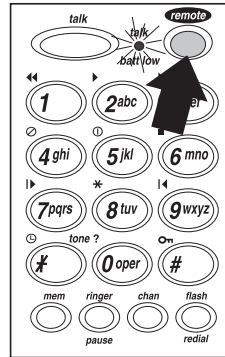
Note: Remember to press  again to return to Standby.

Reviewing Time and Day Stamp

Handset Operation

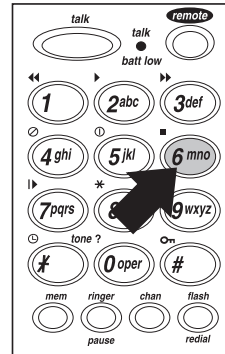
1. Press **remote** to hear the current Time and Day Stamp.

*The Handset beeps and the Time and Day Stamp is announced, followed by the total number of messages stored in memory. The **talk/batt low** LED lights green.*

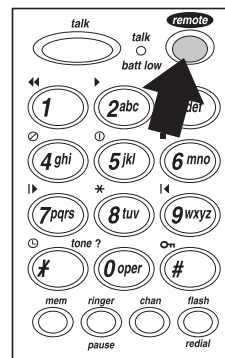


2. Press **6** to replay the current Time and Day Stamp while using the remote keys .

The Handset beeps and the Time and Day Stamp is replayed.



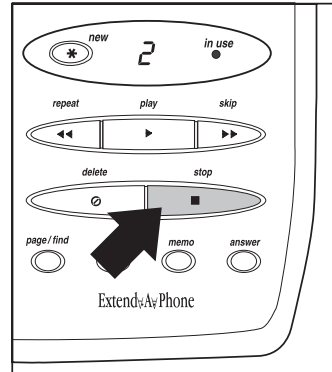
3. Press **remote** again to return to Standby.



Base Operation

1. Press ■.

The speaker beeps, and the Time and Day Stamp is announced.



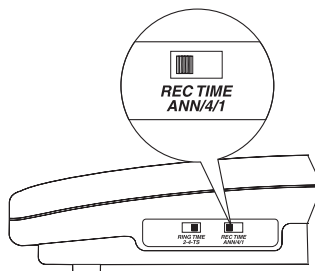
Setting Your Outgoing Message (OGM)

When you receive a call, the Answering System answers and automatically plays either a preset message or your personal Outgoing Message.

Preset Messages

The **XCA650** has two messages programmed in its memory. If the **REC TIME/ANN/4/1** switch is in either the four or one position, the first preset message below plays. Incoming messages are limited to four or one minute respectively. If the switch is set in the left position, (i.e., the "Announce Only" position) the second message below plays, and no incoming messages are recorded.

- *Hello. No one is available to take your call. Please leave your message after the tone.*
- *Hello. No one is available to take your call.*



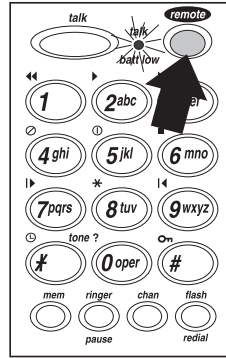
Note: If the **REC TIME/ANN/4/1** switch is in the "Announce Only" position, the Message Counter LED displays an **A** when the system is in Standby.

Recording Your Personal OGM

Handset Operation

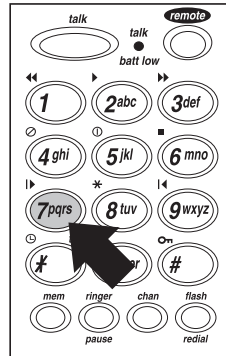
1. Press **remote**.

The **talk/batt low** LED lights green.



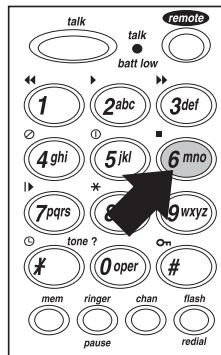
2. Press **▶**.

Note: You can leave up to a 60-second outgoing message.



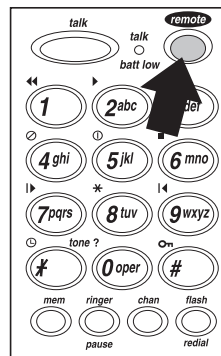
3. Press **■** to stop recording.

The message replays in the Handset receiver.



4. Press **remote** again to return to Standby.

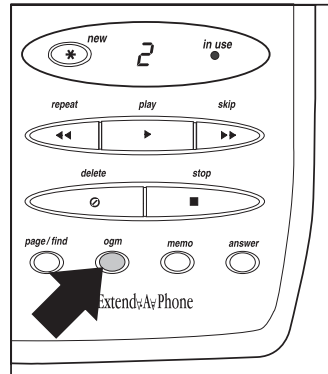
*The **talk/batt low** LED turns off.*



Base Operation

1. To record an outgoing message, press and hold **ogm**.

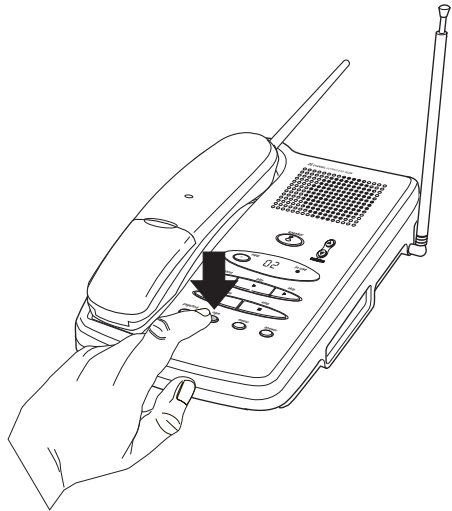
Start recording your message after you hear the long tone and the Message Counter LED begins to count up.



2. Do not get closer than twelve inches from the microphone, and speak clearly while recording your message. When you are finished recording, release **ogm**.

You hear a tone, and your message is played on the Base Unit speaker. The Message Counter LED resets to zero.

Note: You can leave up to a 60-second outgoing message.

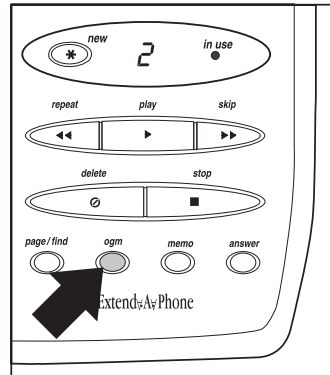


Selecting a Preset OGM

After you have recorded an outgoing message, you can set your Answering System to play either a preset message or your outgoing message.

1. Press **ogm**.

Your recorded outgoing message will begin to play.



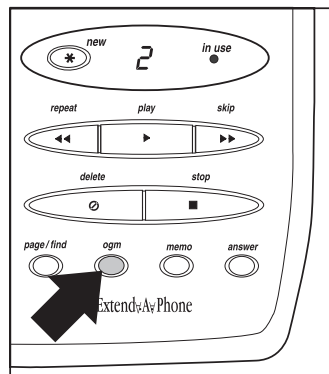
2. While your recorded outgoing message is playing, press **ogm** again.

A tone will sound, and you hear the preset message "Hello. No one is available to take your call, please leave your message after the tone" on the Base Unit speaker. A second tone sounds after the preset message plays, and the Answering System automatically returns to Standby.

Note: If the **REC TIME/ANN/4/1** switch is set to Announce Only, then the preset message "Hello. No one is available to take your call" is played.

3. To select your recorded message again, press **ogm**.

The preset message will begin to play on the Base Unit speaker.



4. While the preset message is playing, press **ogm** again.

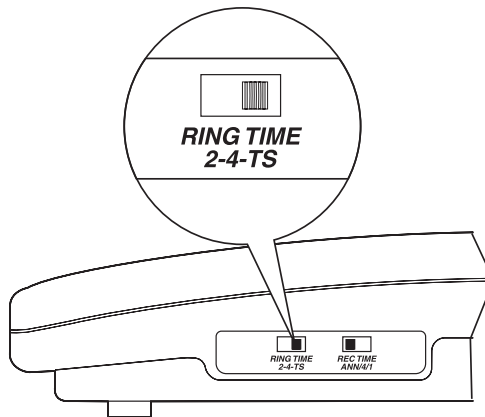
A tone will sound, and your recorded message will play on the Base Unit speaker. A second tone sounds after your message plays, and the Answering System automatically returns to Standby.

VOX/Calling Party Control Feature

The Calling Party Control (**CPC**) feature sets your Answering System to disconnect and reset if the caller hangs up before leaving a message. This prevents your Answering System from using recording time to record a hang up/dial tone message.

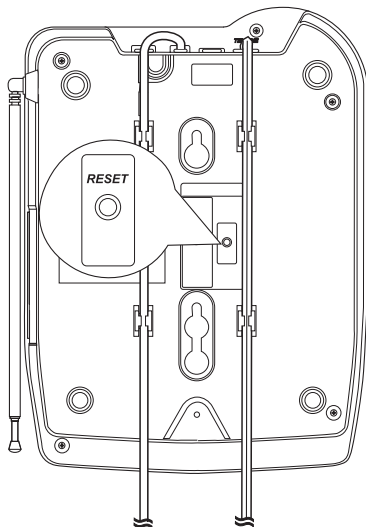
Setting the Toll Saver Switch

The **Ring Number/Toll Saver** switch allows you to set the number of rings the caller hears before your Answering System answers. You can set the switch to answer after **2** rings or after **4** rings. In the **TS** (Toll Saver) position, the Answering System answers after two rings if you have messages recorded, and it answers after four rings if there are no messages. So if you call long distance to check your messages, you can hang up after the second ring and not be billed.



Using the Reset Button

The **RESET** button is used to erase all recorded outgoing messages and any messages which are saved in memory. Pressing **RESET** does not erase your **PIN** (Personal Identification Number) code or the security code between the Handset and Base Unit.



When **RESET** is pressed, the Message Counter begins to flash.

Note: The **RESET** button may also be used in the unlikely event that an AC power line disturbance causes the answering system to malfunction and become inoperative.

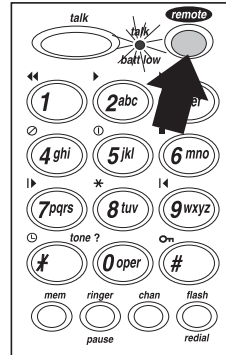
Using Your Answering System

Playing New Messages

Handset Operation

1. Press **remote**.

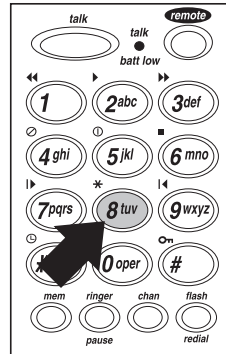
The current Time and Day Stamp and number of stored messages is announced.



2. Press *****.

The time and day each message was received is announced after the message is played.

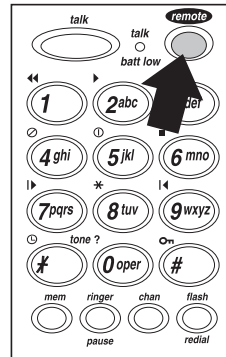
Note: If you want to stop reviewing your messages, press **■**.



3. When all messages have played, a long tone sounds followed by the announcement "End of messages" plays.

4. Press **remote** to return to Standby.

The **talk/batt low** LED goes off.

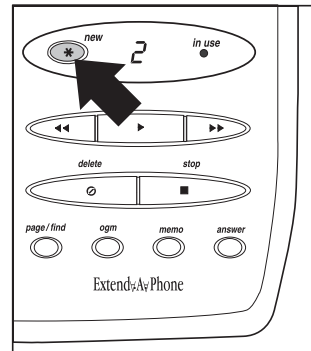


Base Operation

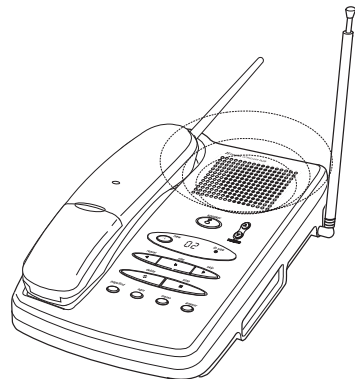
1. Press *****.

The time and day each message was received is announced after the message is played, and the Message Counter LED displays the number of the message playing.

Note: If you want to stop reviewing your messages, press the **■**.

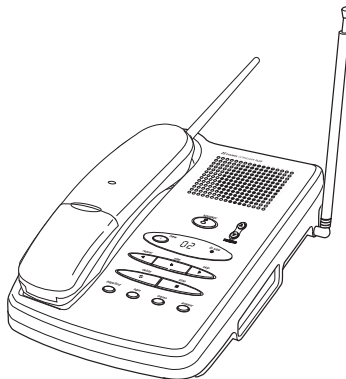


2. When all messages have played, a long tone sounds followed by the announcement "End of messages" plays.



- After the end of message announcement another tone sounds, indicating the system has automatically returned to Standby.

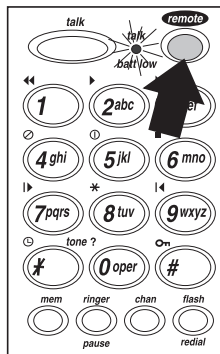
The new message LED stops flashing, indicating that all of the new messages have been reviewed and stored.



Playing a Stored Message

Handset Operation

- Press **remote**.

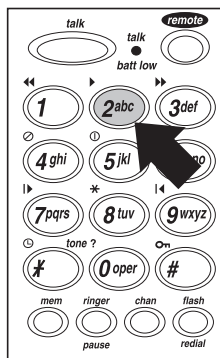


- Press **▶**.

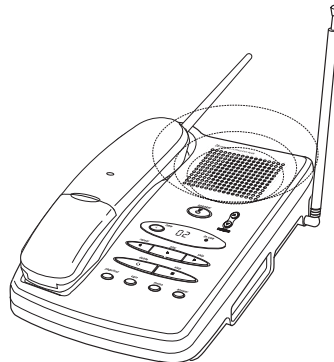
The first message stored begins playing.

The time and day each message was received is announced after the message is played.

Note: If you want to stop reviewing your messages, press **■**.

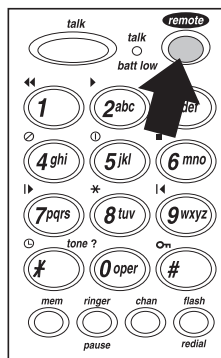


- When all messages have played, a long tone sounds followed by the announcement "End of messages" plays.



- Press **remote** to return to Standby.

The **talk/batt low** LED goes off.



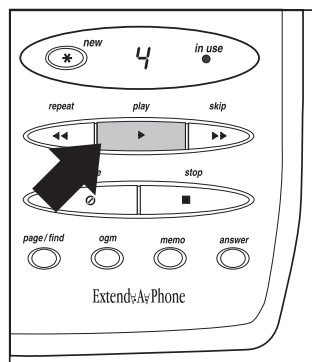
Base Operation

- Press **▶**.

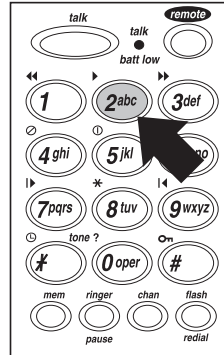
The first message stored begins playing.

The time and day each message was received is announced after the message is played. The Message Counter LED displays the number of the message playing.

Note: If you want to stop reviewing your messages, press **■**.

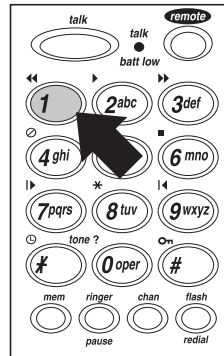


- Press **▶** to review your messages.



- Press **◀◀** at anytime to replay a message.

Note: Pressing **◀◀** during a message returns the system to the beginning of that message. Pressing **◀◀** again before the message replays causes the system to scan back one message. If you have several messages, press **◀◀** until you return to the message you want to replay.

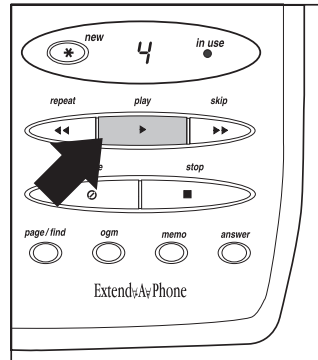


- To return to Standby, press **remote**.

The **talk/batt low** LED goes off.

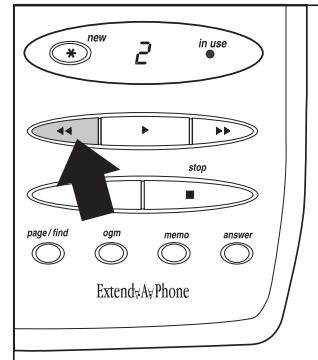
Base Operation

1. Press ► to review your messages.



2. Press ◀◀ at anytime to replay a message.

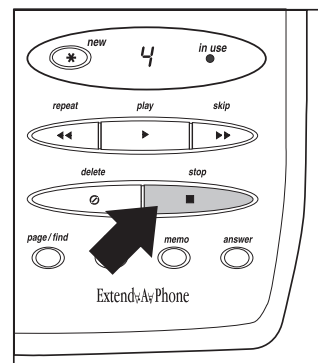
Note: Pressing ◀◀ during a message returns the system to the beginning of that message. Pressing repeat again before the message replays causes the system to scan back one message. If you have several messages, press ◀◀ until you return to the message you want to replay.



3. Press ■ at anytime to stop reviewing messages and return to Standby.

The new message LED remains on, and the Message Counter LED shows the total number of messages.

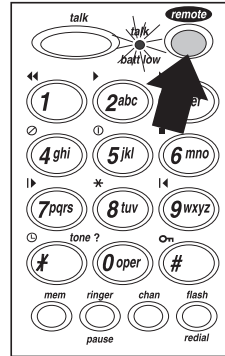
Note: The system will automatically return to Standby if all the messages play.



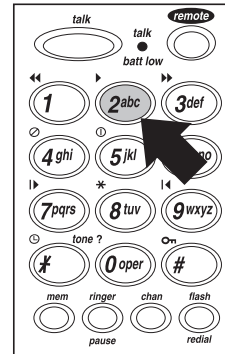
Skipping a Message

Handset Operation

1. Press **remote**.

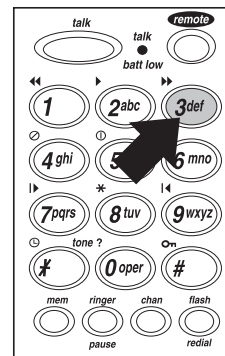


2. Press **▶** to review your messages.



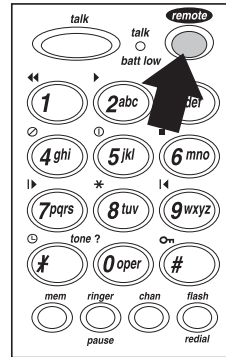
3. Press **▶▶** at anytime to skip to the next message.

Note: Each time **▶▶** is pressed the system scans forward one message. If you have several messages, press **▶▶** until you get to the message you want to play.



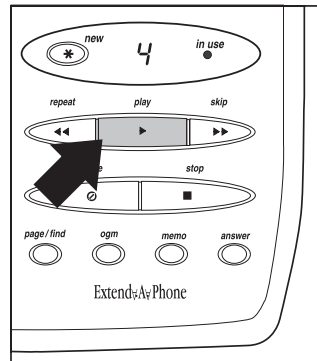
- To return to Standby, press **remote**.

The **talk/batt low** LED goes off.



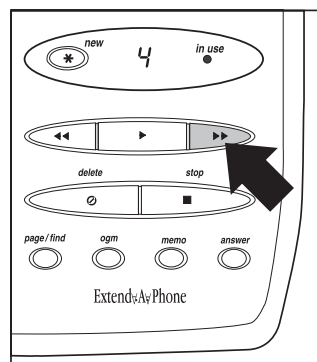
Base Operation

- Press **▶** to review your messages.



- Press **▶▶** at anytime to skip to the next message.

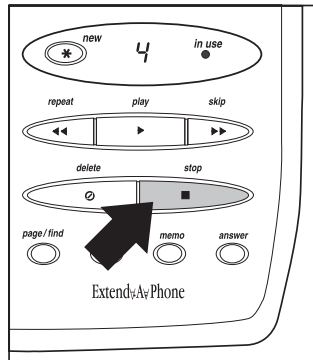
Note: Each time **▶▶** is pressed, the system scans forward one message. If you have several messages, press **▶▶** until you get to the message you want to play.



3. Press **■** at anytime to stop reviewing messages and return to Standby.

The Message Counter LED shows the total number of messages.

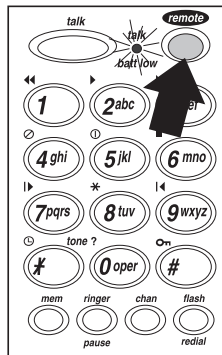
Note: The system automatically returns to Standby when all messages play.



Deleting a Message

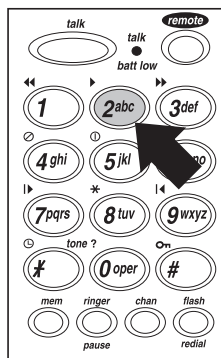
Handset Operation

1. Press **remote**.



2. Press **▶** to review your messages.

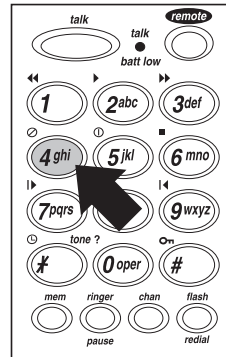
Note: You can press ***** when you have received new messages.



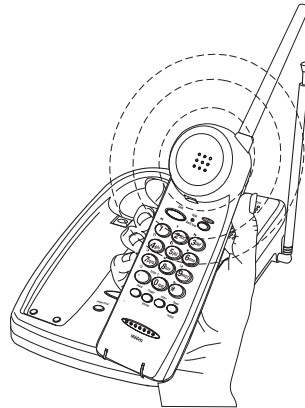
- If you decide to delete a message, press **⓪** during the message.

The system beeps and immediately goes to the next message.

Note: When you press **⓪**, you are deleting the message. Once the message is deleted, it cannot be replayed.



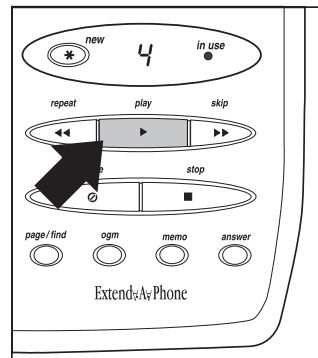
- When the “End of messages” announcement plays, you will hear a series of quick warning tones in the Handset followed by a long tone.




Base Operation


- Press **▶** to review your messages.

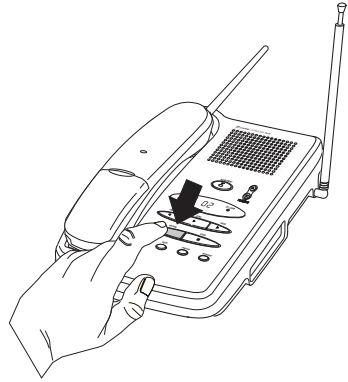
Note: You can press ***** when you have received new messages.



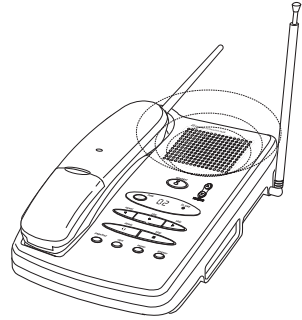
2. If you decide to delete a message, press and release  anytime during the message.

The system beeps and immediately goes to the next message.

Note: When you press , you are deleting the message. Once the message is deleted, it cannot be replayed.




4. When the “End of messages” announcement plays, you will hear a long tone on the Base speaker.

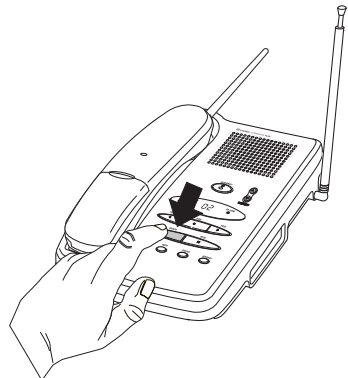


Deleting All Messages

You can delete all your messages without deleting each separate message. To delete all the messages, you must use the **delete** button on the Base Unit.

1. Press and hold .

Note: You must review all messages before using the “Delete All Messages” function.



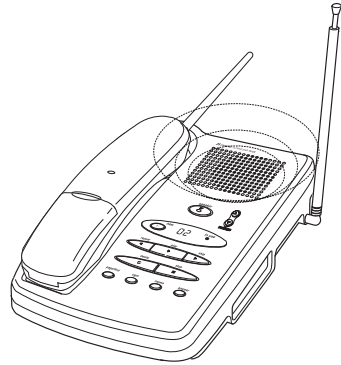
2. You will hear three short tones, followed by a longer tone.

Note: If you release the delete button before all three short tones sound, the messages are not erased.



3. A long tone sounds once the messages are erased then an announcement such as "Four messages deleted" plays.

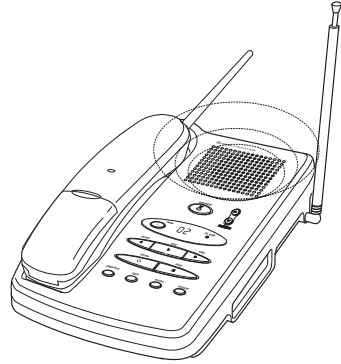
Note: The deletion announcement above depends on how many messages are stored in memory.



Message Full Indication

The **XCA650** has a maximum record time of approximately 15 minutes, or up to 40 incoming messages. When the memory is full, the Answering System will not record incoming calls. To return the system to normal operation, follow these steps.

1. When the memory is full, the phone will ring 10 times before the announcement *"No remaining time for incoming messages"* plays.



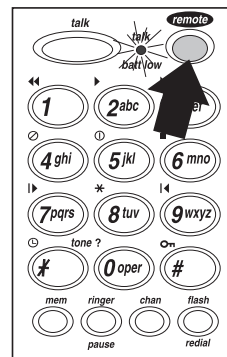
2. You must review your messages and then delete some or all of the stored messages.

Voice-Guided Help Menu

If you are unsure of the commands available while using the Handset, you can use the Voice-Guided Help Menu. The Handset commands are reviewed for you on the Handset Receiver. To access the Help Menu, follow these steps.

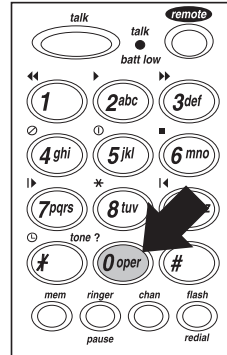
1. Press **remote**.

The talk/batt low LED lights green.

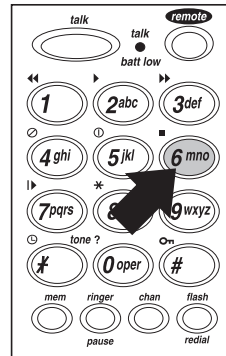


2. Press **?**.

A tone sounds, and the Voice-Guided Menu begins to play.



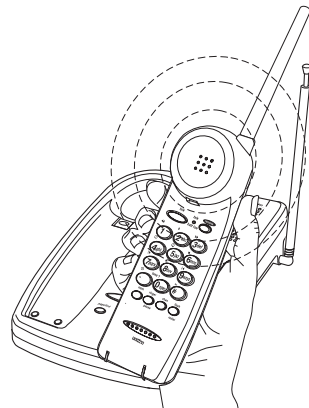
3. There are two ways to exit the Help Menu — press **■** anytime during the review or listen to all the options and wait for the system to automatically exit.



4. When you exit Help, you will hear a short tone every three seconds, indicating that the system is in the *Command Waiting Mode*. Press another command, or press **remote** to return to Standby.

Note: *You have 20 seconds to enter another command while in the Command Waiting Mode before the system automatically returns to Standby.*

*When you return to Standby, the **talk/batt low** LED goes off.*

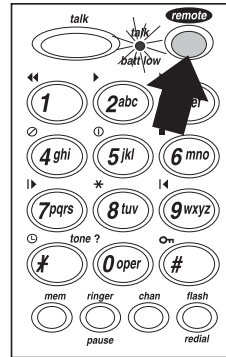


Screening Incoming Calls

If you receive a call while your Answering System is on, you can listen to the incoming message on the Base Unit speaker. If you are away from the Base, you can use your Handset to screen incoming calls.

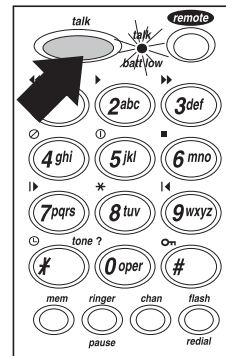
1. Press **remote** after the phone begins to ring.

The **talk/batt low** LED lights green.



2. You can now listen to the outgoing message and incoming message on the Handset receiver. If you decide to answer the call, press **1**.

Note: The Answering System stops recording the incoming message when **1** is pressed.



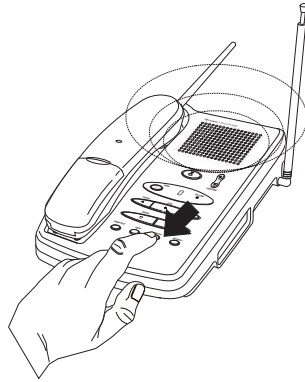
3. When you finish the call, press **1** to hang up.

The **talk/batt low** LED goes off.

Leaving a Memo Message

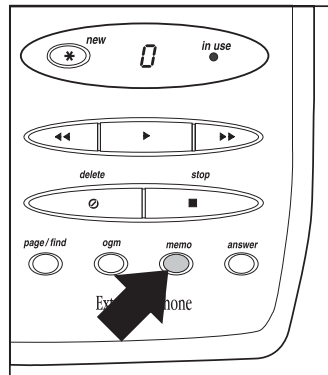
You can use the **XCA650** to leave a Memo Message for someone else who uses your Answering System.

1. To record your Memo Message, press and hold **memo** until you hear a long tone and the Message Counter LED begins to count up.



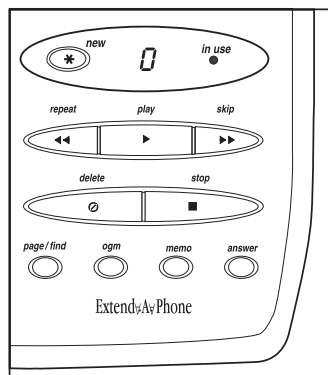
2. Speak into the microphone. When you are finished recording, release the **memo** Button.

There is a tone, and the Message Counter begins to flash. The Message Counter LED shows the total number of messages stored in memory.



3. After you have recorded your message, the system returns to Standby.

Note: *If you have new or unplayed messages, the Message Counter LED on the Base Unit continues to flash. If all the messages have been reviewed, the Message Counter LED shows the number of messages stored but does not flash.*

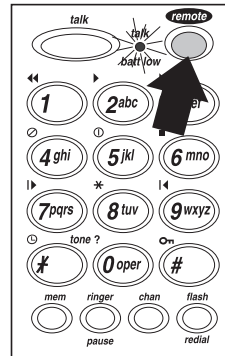


Recording a Telephone Conversation

To record a conversation during a call:

1. Press **remote**.

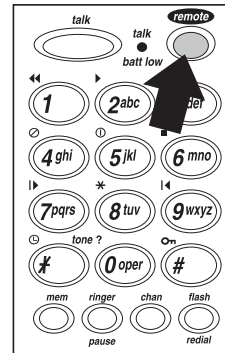
The **talk/batt low** LED changes from red to green, and the telephone sounds warning beeps to let the other party know that the call is being recorded.



2. To stop recording, press **remote** again.

The **talk/batt low** LED changes from green back to red.

Note: A recorded call is like a message — if you use all of the available record time, the Recording function cancels automatically.



Remote Operation

You can operate your **XCA650** while you're away from home by calling from any touch-tone phone. When using this feature, remember these important guidelines.

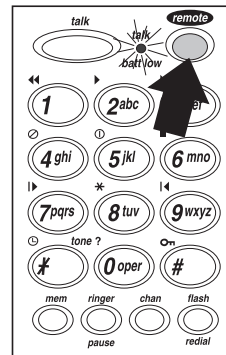
- You should change your Personal Identification Number (**PIN**) before using your Handset. When you first apply power, the code is set to 00.
- The dialing keys on a touch-tone phone work the same as the function keys on your phone's Handset except you must press **#** before selecting a command.
- You cannot change the Time and Day Stamp or your **PIN** code from a touch-tone phone.

Setting Your PIN Code

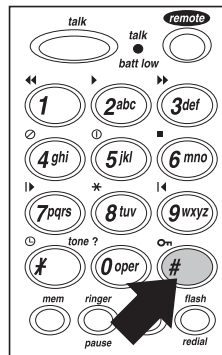
Using the Handset, you can set a personal two-digit code (00 to 99) for your **PIN** code. You must use your **PIN** code to access your Answering System from a touch-tone telephone.

1. Press **remote**.

The **talk/batt low** LED lights green.




2. Press **On**.



3. Press your two-digit code.

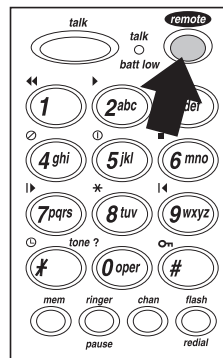


For example, use  as the new **PIN** number.

4. Press **On** again.

You will hear a long tone which indicates that the new code is saved.

5. Press **remote** again to return to Standby.



Using a Touch-Tone Phone

You can operate your Answering System using any touch-tone telephone. Use this function to check for recorded messages, play or delete messages, or even record a new outgoing message.

1. Call your telephone number.
2. During the outgoing message playback, press # followed by your **PIN** number.

For example, use ●● as the new **PIN** number.



3. The Answering System announces the Time and Day Stamp followed by the number of messages stored in memory.
4. You then hear intermittent beeps indicating that the system is in the Command Waiting Mode.

Note: You must enter a command within 20 seconds or the Answering System hangs up and returns to Standby.

5. Use this chart to select the function you want.

Function	Press
Repeat	#1
Play	#2
Skip	#3
Delete Message	#4
Answer On/Off	#5
Stop	#6
Record OGM	#7
Play New Message	#8
Replay OGM	#9
Help Menu	#0

6. When you've finished, hang up to exit the system.

Your Answering System automatically returns to Standby.

Troubleshooting

If your **XCA650** Integrated Telephone Answering Device 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.

Telephone Troubleshooting Chart

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 chan 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.
Base Unit doesn't ring or receive a page.	<ul style="list-style-type: none"> ● Set the Base Unit Ringer switch to LO or HI.

Answering System Troubleshooting Chart

Problem	Suggestion
Answering System does not work.	<ul style="list-style-type: none"> ● Make sure that the Base Unit is plugged in. ● Make sure the Answering System is turned on. ● Press the RESET button to reset the system after an AC line spike.
Answering System does not answer calls.	<ul style="list-style-type: none"> ● Set the REC TIME/ANN/4/1 switch in either the 4-minute or 1-minute position. ● The memory may be full. Delete some or all of the saved messages.
Messages are incomplete.	<ul style="list-style-type: none"> ● The incoming messages may be too long. Remind callers to leave a brief message. ● The memory may be full. Delete some or all of the saved messages.
After a power failure, the outgoing message is deleted.	<ul style="list-style-type: none"> ● The answering machine has a flash memory with no battery backup. Record your personal outgoing message again. The default messages should still remain.
Message Counter LED flashes the letter <i>P</i> .	<ul style="list-style-type: none"> ● There has been a power failure. Press RESET to reset the Answering System.
No sound on the Base Unit speaker during call monitoring or message playback.	<ul style="list-style-type: none"> ● Adjust the volume control on the side of the Base Unit.
Cannot access remote call-in features from another touch-tone phone.	<ul style="list-style-type: none"> ● Make sure you're using the correct PIN number. ● Make sure that the touch-tone phone you're using can transmit the tone for at least two seconds. If it cannot, you may have to change to another phone.

Specifications

General – The **XCA650** complies with FCC Rules, Parts 15 and 68.

Frequency Control	Phase Locked Loop (PLL) Synthesizer
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
Size	8 $\frac{3}{8}$ in. (W) x 5 $\frac{17}{32}$ in. (D) x 1 $\frac{7}{8}$ in. (H)
Weight	Approx. 18.9 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	2 $\frac{3}{16}$ in. (W) x 2 $\frac{11}{16}$ in. (D) x 12 $\frac{3}{32}$ in. (H) (w/ antenna)
Weight	Approx. 10 oz. (including battery)
Battery	BT-185
Capacity	270 mAh, 3.6V
Talk Mode	6 hours
Standby Mode	7 days
Battery Save Mode	5 weeks

Answering System

Memory Type	Digital Tapeless Recording
Memory Capacity	approx. 15 min. (40 messages)
Message Length	1 min. or 4 min. Incoming Message (max.) 1 min. outgoing message (max.)

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

XCA650/655

Integrated Telephone
Answering Device

Extend·A·Phone®

25
CHANNEL



Operating Guide

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.

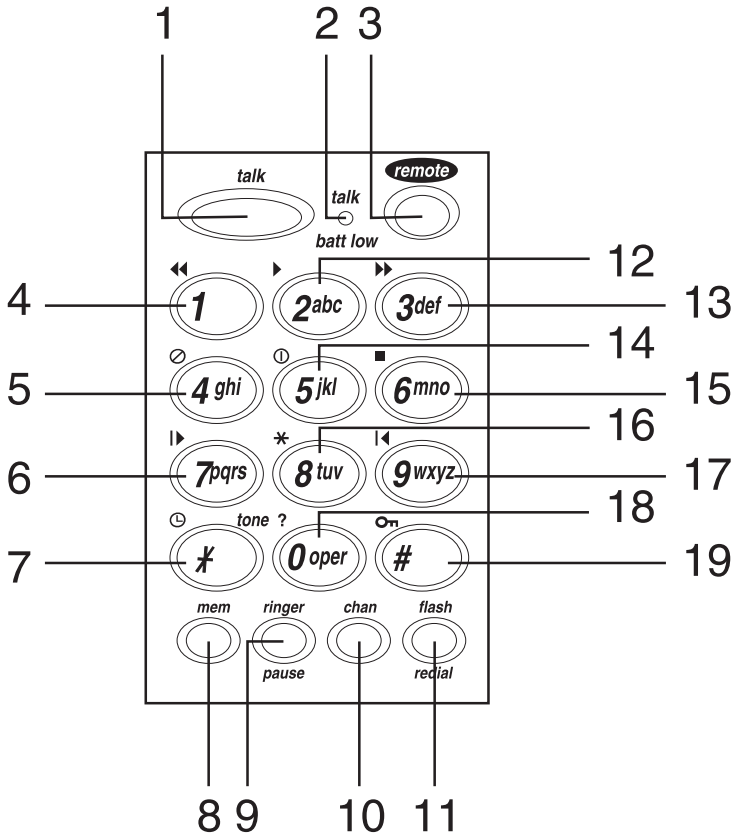
RECHARGEABLE NICKEL-CADMIUM BATTERIES MUST BE RECYCLED OR DISPOSED OF PROPERLY

- 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.

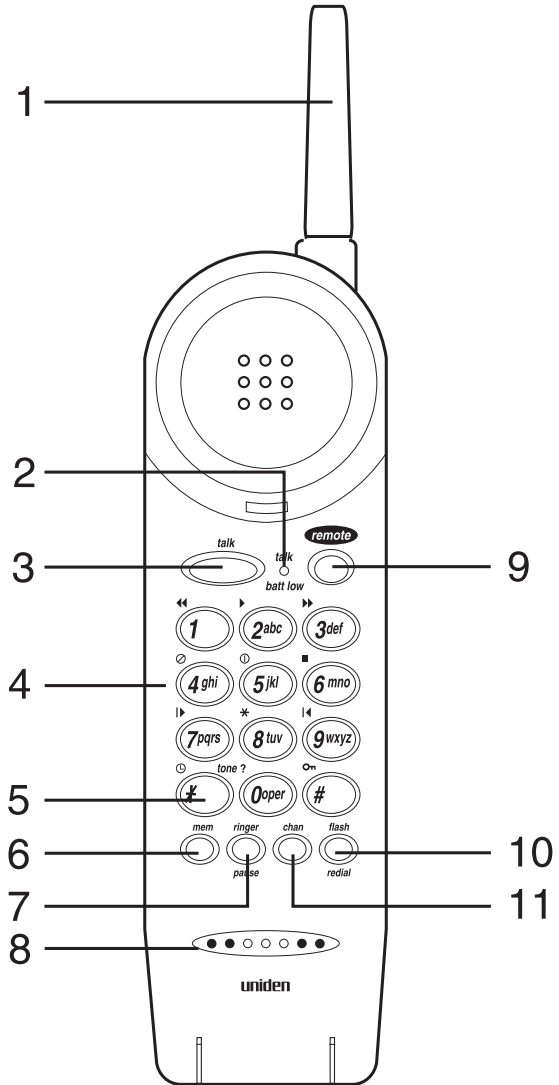
Answering Device Remote Keys



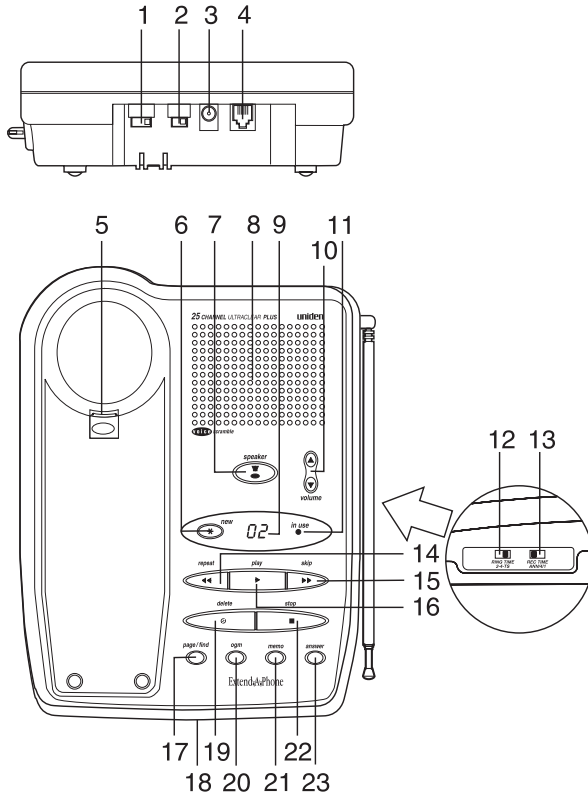
- | | |
|-----------------------------|--------------------------------|
| 1. Talk Button | 11. Flash Button |
| 2. Talk/Batt Low LED | 12. Play Key ▶ |
| 3. Remote Key remote | 13. Skip Key ▶▶ |
| 4. Repeat Key ◀◀ | 14. Answer System On/Off Key ⊕ |
| 5. Message Delete Key ⊘ | 15. Stop Key ■ |
| 6. OGM Record Key ▶ | 16. Play New Message Key * |
| 7. Time/Day Stamp Reset ⌚ | 17. OGM Review Key ◀ |
| 8. Memory Store Button | 18. Voice Guided Help Key ? |
| 9. Ringer/Pause Button | 19. PIN/Security Key on |
| 10. Channel Select Button | |

Handset Controls and Keys

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



Base Unit Controls and Keys



- | | |
|-----------------------------------|--------------------------------|
| 1. Base Ringer Switch | 13. Record Time/Ann/4/1 Switch |
| 2. Pulse/Tone Switch | 14. Message Repeat Button |
| 3. DC Power Jack | 15. Message Skip Button |
| 4. Telephone Line Jack | 16. Message Play Button |
| 5. Handset Retainer | 17. Page/Find Button |
| 6. New Message Button | 18. Microphone |
| 7. Speakerphone Button and LED | 19. Message Delete Button |
| 8. Speaker | 20. Outgoing Message Button |
| 9. Message Counter LED | 21. Memo Button |
| 10. Speaker Volume Control Switch | 22. Stop Button |
| 11. In Use LED | 23. Answer On/Off Button |
| 12. Ring Time 2-4-TS Switch | |

One Year Limited Warranty

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

WARRANTOR: UNIDEN AMERICA CORPORATION (“Uniden”)

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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 Boulevard
Fort Worth, TX 76155
(800) 297-1023, 8 AM to 5 PM Central, Monday through Friday**

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