QUICK EASY STEPS FOR SETTING UP YOUR PHONE!

SEE YOUR QUICK REFERENCE GUIDE SECTION

2.4 GHz INTEGRATED DIGITAL ANSWERER WITH CALLER ID/CALL WAITING

EXAI 2248 SERIES
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Welcome

Congratulations on your purchase of the Uniden EXAI 2248 series cordless telephone and answering system. This phone is designed and engineered to exacting standards for reliability, long life, and outstanding performance.

Note: Some illustrations in this manual may differ from the actual unit for explanation purpose.

The color of your cordless phone may vary.

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

Features

- 2.4 GHz Extended Range Technology
- 16 Digit, 3-line Backlit Display
- Integrated Telephone Answering Device (ITAD)
- Voice Prompted Guidance through ITAD Setup Menu
- 10 Number Memory Dialing
- RocketDial
- Caller ID and Call Waiting Caller ID
- 30 Number Caller ID Memory
- 32 Digit Redial
- Flash and Pause
- Pulse/Tone Dialing
- Page/Find Handset
- 7 Hour Talk Time/14 Day Standby Time
- Handset Earpiece and Ringer Volume Control
- Hearing Aid Compatible
- 20 Channel Autoscan
- English or French Display Option
The EXAI 2248 series features include AutoTalk™ and AutoStandby™. AutoTalk allows you to answer a call by just removing the handset from the base so you don't have to waste time pushing buttons. AutoStandby allows you to hang up by simply returning the handset to the base.

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

To protect you against misbilled calls which might result from your phone being activated by other equipment, the EXAI 2248 series has Random Code™ digital security which automatically selects one of over 262,000 digital security codes for the handset and base. Also, the AutoSecure™ feature electronically locks your phone when the handset is in the base.

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

Be sure to visit our web site: www.uniden.com

Uniden® is a registered trademark of Uniden America Corporation. AutoTalk, AutoStandby, UltraClear Plus, Random Code, AutoSecure, and RocketDial are trademarks of Uniden America Corporation.
**Step 1  Charging the Battery**

**TO INSTALL THE HANDSET BATTERY**

1. Remove the cover.
2. Connect the battery pack connector with the correct polarity.
3. Replace the cover.

**TO PLUG INTO AC POWER**

1. Plug the AC adapter cord into the base unit and then into a 120V AC outlet.
2. Place the handset on the base.

**Note:** You must charge the battery continuously for 15-20 hours before using the phone.

---

**Step 2  Connecting**

**CONNECT TO A PHONE LINE**

When the handset battery pack is fully charged, after 15-20 hours of charging, plug the telephone cord into the base unit and then into a telephone wall jack.

Your phone is set for tone dialing. If your local network requires pulse dialing, please see “Choosing the dial mode” on page 17.

---

**Step 3  Setting Up the Caller ID/Language**

**TO CHANGE CALLER ID OPTIONS**

1. Press `call id/menu`
2. Press `A` or `V` to move the pointer to an option.
3. Press `select` to change the option setting.
4. Press `end` and return the handset to the base.

**Note:** Three Caller ID options are available: AutoTalk, Caller ID on Call Waiting (CIDCW), and Area Code.

---

**Step 4  Setting Up the Answering System**

**TURN THE ANSWERING SYSTEM ON**

Press `ans on/off`.

A pre-recorded greeting will play and your system is ready to accept calls.

**TO RECORD A PERSONAL GREETING**

1. Press and hold `greeting` until you hear “Record greeting” and a confirmation tone.
2. Record your personal greeting. (Position yourself as near to the base as possible and speak clearly.)
3. When finished press `greeting` again or `play/stop`.

**TO CHOOSE THE LANGUAGE**

1. Press `call id/menu`
2. Press `A` or `V` to move the pointer to Language.
3. Press `select` to select Eng (English) or Fr. (French).
4. Press `end` or return the handset to the base.
Controls and Functions

1. Handset antenna
2. Beltclip holes
3. Optional headset jack
4. Handset battery compartment
5. Handset earpiece
6. LCD display
7. Caller ID (call id)/menu key
8. Talk/flash key
9. */tone/left cursor ( ) key
10. Redial/pause (p) key
11. Select key
12. Handset microphone and ringer speaker
13. Volume up ( ) key
14. RocketDial key
15. End key
16. Volume down ( ) key
17. #/right cursor ( ) key
18. Memory key
19. Delete/channel (ch) key
20. Handset charging contacts
21. Telephone line jack
22. DC IN 9V jack
23. Handset retainer clip
24. Delete key
25. Repeat/rewind (rew) key
26. Menu key
27. Set/ringer key
28. Answer (ans) on/off key
29. Find handset (hs) key
30. Base charging contacts
31. Base speaker
32. Status LED
33. Play/stop key
34. Skip/fast forward (ff) key
35. Greeting key
36. Memo key
37. Speaker volume keys
38. Microphone
39. Base antenna
Read this First

This cordless telephone must be set up before use. Follow these steps:

**Step 1 (page 8)**
Unpack the telephone and accessories.

**Step 2 (page 9)**
Next, choose the best location to set up the base unit.

**Step 3 (page 10 to 13)**
Then, insert the battery pack into the handset. Connect the base unit. You must charge the battery pack for **15-20 hours before plugging into a telephone line and using the phone.**

**Step 4 (page 38 to 46)**
Finally, set the answering system.

**About the digital security code**
This cordless telephone uses a digital security code to prevent unauthorized access to your base unit. This security code prevents other cordless handsets from making calls through your base unit. A random security code will be assigned automatically between your base unit and handset when you charge the battery pack for the first time. If you want to change the security code, see page 53.
Checking the Package Contents

Make sure you have received the following items in the package. If any of these items are missing or damaged, contact the Uniden Parts Department.

- Base unit
- Handset
- AC adapter
- Rechargeable battery
- Telephone cord
- Beltclip
- This Owner's Manual
- Other Printed Material

Uniden Parts Department at (800) 554-3988
Hours: M-F 7:00 a.m. to 5:00 p.m. CST. We can also be reached on the web at www.uniden.com.
Setting up the Phone

Do the following steps:
A. Choose the best location  
B. Install the battery pack  
C. Connect the base unit

A. Choose the best location
Before choosing a location for your new phone, read the INSTALLATION CONSIDERATIONS included in the PRECAUTIONS AND IMPORTANT SAFETY INSTRUCTIONS. Here are some important guidelines you should consider:

- Avoid heat sources, such as radiators, air ducts, and sunlight
- Avoid noise sources such as a window by a street with heavy traffic
- Avoid microwave ovens
- Avoid excessive moisture, extremely low temperatures, dust, mechanical vibration, or shock
- Avoid television sets and other electronic equipment
- Avoid personal computers
- Avoid other cordless telephones
- Choose a central location

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

EXAI2248  2/8/2 7:04 PM  Page 9
B. Install the battery pack

Charge the battery pack for at least 15-20 hours before plugging in the telephone line and start using your phone.

1) Press in on the battery cover release and slide the cover down until it comes off.

2) Connect the battery pack connector, observing correct polarity (black and red wires), to the jack inside the battery compartment.

   Do not exert any force on this connection. It could cause damage to the battery or handset. Once you are certain that you have made a good connection, then insert the battery pack into the battery compartment. Do not pinch the wires.

3) Securely close the battery compartment cover by sliding it up until it snaps into place.

4) Place the handset on the base.

• Use only the Uniden battery (BT-905) supplied with your phone. Replacement batteries are also available through the Uniden Parts Department (see page 8).

• Recharge your phone on a regular basis by returning the handset to the base after each phone call.

• Get the Uniden phone battery and charger from the Uniden Parts Department.
**Battery use time (per charge)**

From fully charged (15-20 hours charge time)
- Seven hours continuous use.
- Fourteen days when the handset is in the standby mode.

**Low battery alert**

When the battery pack is very low and needs to be charged, the phone is programmed to eliminate functions in order to save power. If the phone is not in use, “Low Battery” appears on the LCD and none of the keys will operate.

If the phone is in use, “Low Battery” flashes and the handset beeps. Complete your conversation as quickly as possible and return the handset to the base unit for charging.

**Note**
The last number dialed in the redial memory and the numbers stored in the memory locations are retained for up to 30 minutes while you replace the battery pack.

**Cleaning the battery charging contacts**

To maintain a good charge, it is important to clean the battery contacts on the handset and base unit with a dry cloth or a pencil eraser about once a month. Do not use any liquids or solvents.
C. Connect the base unit

1) Connect the AC adapter to the **DC IN 9V** jack and a standard 120V AC wall outlet.

2) Set the base on a desk or tabletop, and place the handset on the base unit as shown. (For wall mounting, see “Mounting the Base Unit on a Wall”, on page 13.)

3) Raise the antenna to a vertical position.

4) Make sure the **status** LED illuminates. If the LED does not illuminate, check to see that the AC adapter is plugged in and the handset makes good contact with the base charging contacts.

- **Use only the supplied AD-420 AC adapter.**
- **Do not use any other AC adapter.**
- **Connect the AC adapter to a continuous power supply.**
- **Place the base unit close to the AC outlet so that you can unplug the AC adapter easily.**

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

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[12] GETTING STARTED
5) Connect the telephone line cord to the TEL LINE jack and a telephone outlet once the handset is fully charged.

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

Mounting the Base Unit on a Wall

**Standard wall plate mounting**

This phone can be mounted on any standard wall plate.

1) Plug the AC adapter to the DC IN 9V jack.

2) Wrap the AC adapter cord inside the molded wiring channel as shown.

3) Plug the AC adapter into a standard 120V AC wall outlet.

4) Plug the telephone line cord into the TEL LINE jack. Wrap the cord inside the molded wiring channel as shown.

5) Plug the telephone line cord into the telephone outlet.

6) Raise the antenna to a vertical position.

7) Align the mounting slots on the base with the mounting posts on the wall. Then push in and down until the phone is firmly seated.
**Terminology**

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

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

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**Direct wall mounting**

If you don't have a standard wall plate, you can mount your phone directly to the wall. Before doing this, consider the following:

- Avoid electrical cables, pipes, or other items behind the mounting location that could cause a hazard when inserting screws into the wall.
- Try to mount your phone within 5 feet of a working phone jack to avoid excessive cord lengths.
- Make sure the wall material is capable of supporting the weight of the base and handset.
- Use #10 screws (minimum length of 1-3/8 inches) with anchoring devices suitable for the wall material where the base unit will be placed.

1) Insert two mounting screws into the wall, (with their appropriate anchoring device), 3-15/16 inches apart. Allow about 1/8 of an inch between the wall and screw heads for mounting the phone.

2) Refer to steps 1 through 7 on page 13 to mount the telephone.
Setting Menu Options

There are five setup options available. They are Caller ID options [AutoTalk, CIDCW (Caller ID on Call Waiting), and Area Code], Dial Mode and Language.

AutoTalk allows you to answer the phone without pressing the talk/flash button. If the phone rings when AutoTalk is On, simply remove the handset from the base and the phone automatically answers the call. If the phone rings when AutoTalk is Off, you must press talk/flash to answer the call.

Caller ID options

To change your AutoTalk and CIDCW:

1) Press and hold call id/menu. The following screen appears.

2) Use A or V, or a number key (1 and 2) to move the pointer to the selection that you would like to change. Press select to toggle between “On” and “Off”.

3) Press end and return the handset to the base unit to complete the setting. The handset returns to the standby mode.
To enter your Area Code

If you enter a 3-digit area code number in the Area Code option, your local area code does not appear in Caller ID messages. Do not program this option, if your calling area requires 10-digit dialing.

When reviewing Caller ID messages, you will see only the local seven digit number. For calls received from outside your local area code, you will see a full 10-digit number.

1) When the phone is in the standby mode, press and hold call id/menu. The following screen appears.

2) Press 3 or press V twice to select “Area Code”.

3) Press select.

4) Use the number keys (0 to 9), #/, *, /tone/ <, or delete/ch to enter the 3-digit area code.

5) Press select. A confirmation tone sounds and the displayed area code is entered.

6) Press end or return the handset to the base unit to complete the setting. The handset returns to the standby mode.

When the area code has already been stored in memory, the stored area code will be displayed. To change it, use the delete/ch and number keys to enter the new area code. Then press select. A confirmation tone sounds.

To complete the setting, press end or return the handset to the base unit.
Choosing the dial mode

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

1) When the phone is in the standby mode, press and hold call id/menu. The following screen appears.

2) Press 4 or press V three times to select “Dial”.

3) Press select to toggle between “Tone” and “Pulse”.

4) Press end or return the handset to the base unit to complete the setting. The handset returns to the standby mode.

Setting the language

1) When the phone is in the standby mode, Press and hold call id/menu. The following screen appears.

2) Press 5 or press V four times to select “Language”.

3) Press select to toggle between “Eng” and “Fr.”.

4) Press end or return the handset to the base unit to complete the setting. The handset returns to the standby mode.
### Making and Receiving Calls

<table>
<thead>
<tr>
<th>Handset On Base</th>
<th>Handset Off Base</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>To answer a call</strong></td>
<td><strong>To make a call</strong></td>
</tr>
<tr>
<td>Pick up the handset (AutoTalk), or pick up the handset and press <em>talk/flash</em>.</td>
<td>1) Press <em>talk/flash</em>. 2) Listen for the dial tone. 3) Dial the number.</td>
</tr>
<tr>
<td>1) Press <em>talk/flash</em>. 2) Listen for the dial tone. 3) Dial the number.</td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td><strong>To hang up</strong></td>
<td><strong>To redial</strong></td>
</tr>
<tr>
<td>Press <em>end</em> or return the handset to the base (AutoStandby).</td>
<td>1) Pick up the handset. 2) Press <em>redial/p</em>.</td>
</tr>
<tr>
<td><strong>OR</strong></td>
<td><strong>OR</strong></td>
</tr>
<tr>
<td>Press <em>redial/p</em>, then press <em>talk/flash</em>.</td>
<td>Press <em>redial/p</em>, then press <em>talk/flash</em>.</td>
</tr>
</tbody>
</table>

### Note

Refer to page 15 "Setting menu options" to turn on the AutoTalk feature if desired.
Adjusting the Handset Ringer and Earpiece Volume

Handset ringer tone and volume
Press ▲ or ▼ in standby mode to select one of five ringer tones and volume combinations.

Earpiece volume
Pressing ▲ or ▼ during a call will change the earpiece volume of the handset. This setting will remain in effect after the telephone call has ended.

Ringer Mute
You can temporarily mute the handset ringer tone. (The base unit will continue to ring.) When the handset is off the base and the phone is ringing, press end. The ringer tone will return to normal starting with the next incoming call.
Redial

The redial/p key redials the last number dialed. The redialed number can be up to 32 digits long.

Tone Dialing Switch-over

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

Initially make your call with the pulse dialing mode. Once your call connects, press */tone/ <. Enter the desired number. These digits will be sent as tone dialing. Once the call ends, the tone mode is canceled and pulse dialing mode resumes.

Traveling Out-of-Range

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

If you encounter interference while using your phone, you can manually change the phone’s channel for clear operation. This function works only when the phone is in use.
Press delete/ch. “Scanning” appears on the display, indicating the phone is changing to another channel. For more information on interference, refer to "Precautions" on page 59.

Flash and Call Waiting

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

You must subscribe through your local telephone company to receive Call Waiting Service.
Storing Phone Numbers and Names

Memory Dialing allows you to dial a number using just a few key presses. Your EXAI 2248 series stores up to 10 names/numbers in the handset.

1) Press and hold memory until “Memory Store” is displayed.

2) Press $ or %, or enter a number (0 - 9) to select the memory location where you would like to store the number.

3) Press select. The following screen appears and a cursor flashes indicating that the display is ready for the name to be entered.

   If this screen appears, the selected memory location is already stored. Then you must either edit the entry in this location, delete the entry in this location, or select “Go Back” to choose another location.

4) To enter a name (up to 14 characters), use number keys.
   - See the “Steps for Entering Names and Special Characters”. (See pages 24-25)
   - Use #//> and */tone/< to move the cursor to the desired location.
   - Use delete/ch to delete characters as needed.
   - Press and hold delete/ch to delete all the characters.
   - If a name is not required, go to step 5.
5) Press select. “Store Number” is displayed.
   The cursor flashes indicating that the display is ready for the number to be entered.

6) Use the number keys to enter the phone number.
   The phone number cannot exceed 20 digits.
   • Use redial/p to enter a pause in the dialing sequence.
     The display shows a “P”. Each pause counts as one digit and represents a two second delay of time between the digits as they are sent.
   • Use delete/ch to delete digits as needed.

7) Press select. You will hear a confirmation tone and the following display appears. Memory storage is complete.
   For example, if you store a name and number into memory location number 7, the display shows “Memory 7 Stored”.
   After about 2 seconds, “Memory Store” is displayed. Repeat steps 2 - 7 to store more numbers.

8) Press end to return to standby mode.

• The pause feature is useful for long distance calling, credit card dialing, or sequences that require a pause between digits.
• The pause key counts as one digit. Pressing redial/p more than once increases the length of a pause between numbers.
• The 10 memory locations are represented by the numbers 0-9 on the keys. If you store a number in one of the locations, then attempt to store a different number in the same location later, the new number will overwrite the previous one.
Steps for Entering Names and Special Characters

Refer to the letters on the number keys to select the desired characters. With each press of a numeric key, the displayed character appears in the following order: Upper case letters first, lower case letters next, and finally the number corresponding to the key.

<table>
<thead>
<tr>
<th>Keys</th>
<th>Number of times key is pressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keys</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2abc</td>
<td>A B C abc</td>
</tr>
<tr>
<td>3def</td>
<td>D E F def</td>
</tr>
<tr>
<td>4ghi</td>
<td>G H I g h i</td>
</tr>
<tr>
<td>5jk</td>
<td>J K L j k l</td>
</tr>
<tr>
<td>6mno</td>
<td>M N O m n o</td>
</tr>
<tr>
<td>7pqrs</td>
<td>P Q R s p q r s</td>
</tr>
<tr>
<td>8tuv</td>
<td>T U V t u v</td>
</tr>
<tr>
<td>9wxyz</td>
<td>W X Y z w x y z</td>
</tr>
<tr>
<td>0</td>
<td>* # - &amp; ( ) (blank)</td>
</tr>
</tbody>
</table>

If you make a mistake while entering a name

Use */tone/ < or >/ to move the cursor to the incorrect character, press delete/ch to erase up to the wrong entry, then enter the correct character. To delete all characters, press and hold delete/ch.
For example, to enter **Uniden**;

1) Pick up the handset. Press and hold **memory**.
2) Enter a number or press **∧, ▽** to select a memory location number.
3) Press **select**.
4) Press 8 twice.
5) Press 6 five times.
6) Press 4 six times.
7) Press 3 four times, then press #/ > to move the cursor to the right.

If the next character uses the same number key, you must press #/ > to move the cursor over. Otherwise the next time you press the number key, it changes the character that was previously set.

8) Press 3 five times.
9) Press 6 five times.
10) When finished, press **select**.

To continue to store the telephone number, proceed to step 6 on page 23.
Making Calls with Memory Dialing

Memory dialing from Standby Mode

1) Press memory. The handset displays your programmed memory locations.

2) Press \( \wedge \) or \( \vee \), or enter a number (0 - 9) to select the memory location you would like to dial.

3) Press talk/flash. “Talk” and the volume setting appear on the display. Then the displayed number is dialed.

Display a programmed number

Use \#/> and */tone/< to toggle between the names display and the numbers display.

<table>
<thead>
<tr>
<th>Program name</th>
<th>Program number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 UNIDEN CORP</td>
<td>1 8002971023</td>
</tr>
<tr>
<td>2 JOHN DOE</td>
<td>2 5452930</td>
</tr>
<tr>
<td>3 MOM AND DAD</td>
<td>3 8175551212</td>
</tr>
</tbody>
</table>

- If you press select before talk/flash, you can confirm the name and the number stored in the selected memory location.
- To exit the memory function without dialing, press end. The handset returns to standby.
- Whenever you are using a memory menu screen, you must press a key within 30 seconds or the phone will return to standby.

When the stored phone number has 15 or more digits, “\( \Rightarrow \)” is displayed next to the 13th digit. Press \#/> to see the extra digits and */tone/< to return.

• If you press select before talk/flash, you can confirm the name and the number stored in the selected memory location.
• To exit the memory function without dialing, press end. The handset returns to standby.
• Whenever you are using a memory menu screen, you must press a key within 30 seconds or the phone will return to standby.

• If you press select before talk/flash, you can confirm the name and the number stored in the selected memory location.
• To exit the memory function without dialing, press end. The handset returns to standby.
• Whenever you are using a memory menu screen, you must press a key within 30 seconds or the phone will return to standby.
Memory dialing from Talk Mode


2) Press memory.

3) Enter a number (0 - 9) to select the memory location of the desired phone number. The selected phone number is displayed. Then the number is dialed.

4) To hang up, press end.

Chain Dialing

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

An example of this is a bank account number. Once you have called your bank, and are prompted to enter the account number, simply press memory and the location number where the special number has been stored.

Store your special number with an identifying name. (Refer to “Storing Phone Numbers and Names” on page 22.)
Editing a Stored Name and/or Phone Number

1) Press and hold memory until “Memory Store” is displayed.

2) Press ▲ or ▼, or enter a number (0 - 9) to select the memory location you would like to edit.

3) Press select.
   The following screen appears with the memory location number that you have selected in the display.

4) Press ▲ or ▼ to select “Edit Memory”, then press select.
   The following screen appears. The cursor flashes indicating that the display is ready for the name to be edited. When a name has not been stored, the cursor appears at the beginning of the second line.

5) Use the number keys, * /tone/ <, # / >, or delete/ch to edit the name.
   (See page 22.) To edit only the phone number, skip this step.

6) Press select. The following screen appears.
   The cursor flashes indicating that the display is ready for the number to be edited.

7) Use the number keys, redial/p or delete/ch to edit the phone number.
   The phone number cannot exceed 20 digits. (See page 23.)
   If you don’t want to change the phone number, skip this step.
8) Press **select**. You hear a confirmation tone and the following display appears. The memory storage is complete. For example, if you store a name and number into memory location number 1, the display shows “Memory 1 Stored”. After about 2 seconds, “Memory Store” is displayed.

9) Press **end** to return to standby mode.
Erasing a Stored Name and Phone Number

1) Press and hold memory until “Memory Store” is displayed.

2) Press or , or enter a number (0 - 9) to select the memory location you would like to erase.

3) Press select. The following screen appears with the memory location number that you have selected in the display.

4) Press V to move the pointer down to “Delete Memory”.

5) Press select. The following confirmation screen appears.

6) Press A to move the pointer to “Yes”.

7) Press select or delete/ch. You hear a confirmation tone and the following screen appears.

8) After about 2 seconds the display returns to the “Memory Store” screen. You may delete the information in another memory location (return to step 2) or press end to return to standby mode.
RocketDial

You can store your most frequently dialed number in the RocketDial. The RocketDial allows you to dial a number with one key press. (There is no need to press talk/flash. The phone will automatically dial the number stored.)

Storing and Editing the RocketDial

1) When the phone is in the standby mode, press and hold RocketDial. Following display appears.

   If this screen appears, there is a number already stored. Press A or V to select "Edit Number", then press select.

2) Store the number by following step 6 under "Storing Phone Numbers and Names" on page 23.

3) Press select.

   You hear a confirmation tone and displays the following screen. Memory storage is complete.

Making calls with the RocketDial

When the phone is in the standby mode, simply press RocketDial. The number stored in the RocketDial is instantly dialed.

• Memory location for the RocketDial is independent from the memory location for Memory dialing.

• If the RocketDial does not have a stored number, the handset will beep rapidly and the phone will not dial.
Deleting the RocketDial

1) When the phone is in the standby mode, press and hold *RocketDial*. Following display appears.

2) Press \^ or \_ to select “Delete Number”.

3) Press select. Following display appears.

4) Press \^ to move the pointer to “Yes”.

5) Press select or delete/ch.

   You hear a confirmation tone and the following display appears. The handset returns to standby mode.
## Caller ID

You must subscribe to Caller ID service to use this feature. When the telephone rings, the Caller ID feature allows you to view the caller's name and phone number on the display before you answer the phone. The handset displays the phone number of the incoming call, the name, and time. Additionally, you can dial the displayed number and store the information for memory dialing. Make sure you have turned on the Caller ID/Call Waiting feature. (See page 15.)

## When the Telephone Rings

1) When the Caller ID message is received, the display shows the caller's phone number along with the date and time. The incoming call information is stored in the Caller ID record. If the Caller ID service includes the caller's name, the caller's name appears on the display (up to 15 letters).

<table>
<thead>
<tr>
<th>The date and time received</th>
<th>5/11 12:30PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caller's name</td>
<td>UNIDEN CORP</td>
</tr>
<tr>
<td>Caller's phone number</td>
<td>800-297-1023</td>
</tr>
</tbody>
</table>

Here are some typical displays:

<table>
<thead>
<tr>
<th>When the phone number and name data are received</th>
<th>When invalid data is received</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/11 12:30PM UNIDEN CORP 800-297-1023</td>
<td>Incomplete Data</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>When a private name is received</th>
<th>When a private number is received</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/11 12:30PM Private Name 800-297-1023</td>
<td>5/11 12:30PM UNIDEN CORP Private Number</td>
</tr>
</tbody>
</table>

**Note**

- If you answer a call before the Caller ID message is received (e.g., before the second ring), the Caller ID message will not appear.
- When the call is received via a telephone company that does not offer Caller ID service, the caller's phone number and name do not appear. (This includes international calls.)
- When the call is via a private branch exchange (PBX), the caller's phone number and name may not appear.
In Caller ID operation, if no key is pressed for more than 30 seconds, an error tone sounds and the telephone returns to the standby mode.

If a call comes in via a telephone system that does not offer Caller ID service, no information is stored.

Each message can be up to 15 characters for the phone number and the name.

The number of calls from the same Caller ID appears next to the received time. Once you read the new message, the number will be cleared and disappear.

- When an unknown name is received
- When an unknown number is received

<table>
<thead>
<tr>
<th>5/11 12:30PM</th>
<th>Unknown Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>800-297-1023</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5/11 12:30PM</th>
<th>UNIDEN CORP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown Number</td>
<td></td>
</tr>
</tbody>
</table>

2) When you pick up the phone, the display changes to “Talk”. (AutoTalk feature is set to on.)

Data errors appear as “-”.

Viewing the Caller ID Message List

The Caller ID list stores information for up to 30 incoming calls - even unanswered calls.

1) Press `call id/menu`.
   The summary screen appears. This screen shows the number of new messages and total messages.

2) Press `V` or `A` to display the latest or oldest Caller ID message.

3) Press `V` to see the next message. Or press `A` to see previous message.

4) Press `end` to return to standby mode.
Deleting Information from the Caller ID List

The EXAI2248 series stores up to 30 messages. If the phone receives the 31st message, the oldest one in the list is automatically deleted. Caller ID data can also be deleted manually.

Deleting a Caller ID message

1) Press `call id/menu`. Display the message to be deleted from the Caller ID list by pressing `▲` or `▼`.

2) Press `delete/ch`.

3) Press `▲` or `▼` to select “Yes” or “No”.

4) Press `select` or `delete/ch`.

When the pointer is at “Yes”:
You hear a confirmation tone and the Caller ID message is deleted. The next Caller ID message is then displayed.

When the pointer is at “No”:
The display returns to the Caller ID message.

Deleting all Caller ID names/numbers

1) Press `call id/menu`.

2) Press `delete/ch`.
Using the Caller ID List

Calling a party from the Caller ID list
You can place a call from the Caller ID list. The EXAI 2248 series stores up to 30 messages.

1) Press \textit{call id/menu}. Select the phone number that you want to dial by pressing \textit{\textasciicircum} or \textit{\textasciicircum}.

2) Press \textit{talk/flash}. The displayed phone number dials automatically.

Long Distance calls and Area Code Setting/Cancellation
While the incoming Caller ID information is displayed (in step 1), pressing 1 will place or remove the prefix “1” in the display to set up for a long distance call or cancel. Pressing 3 will set or cancel an area code setting.

Dial edit
You can temporarily edit the Caller ID number that is displayed by pressing \textit{select}.
A cursor appears in the display. Press \textit{delete/ch} to move the cursor left, make your changes, and then press \textit{talk/flash}. This will not change the number in the Caller ID list memory.
Storing Caller ID messages in Memory dialing

Messages shown in the Caller ID list can be stored in memory dialing. Using the incoming call information (i.e., Caller ID list), the phone number of the party on the Caller ID list can be stored in memory.

1) Press *call id/menu*. Select the phone number to be stored from the Caller ID list by pressing ▲ or ▼.

2) Press *memory*.

3) Press ▲ and ▼ or enter a number (0 - 9) to select the memory location to be stored.

4) Press *select*. You hear a confirmation tone and the number is stored in memory. The display returns to the Caller ID list.

If a message has already been stored in the selected memory number location, a confirmation screen is displayed. Press ▲ to select “Yes”. Press select to overwrite. The display returns to the Caller ID list.

You can not store a Caller ID message if no phone number appears in the message.
The Integrated Answering Device

The EXAI2248 series has a built-in answering system that answers and records incoming calls. You can also use your answering system to record a conversation, leave a voice memo message, or to announce a special outgoing message to callers when you’re away from your phone.

Features

- Digital Tapeless Recording
- 13 minutes of Recording Time
- Call Screening
- Selectable Outgoing Messages
- Voice Prompts for Guidance
- Time and Day Announcement
- Remote Message Retrieval
- Toll Saver
- Conversation Recording
- Voice Memo

Digital Tapeless Recording allows you to quickly review, save, or delete the messages you choose. You will never have to worry about a tape wearing out, jamming, or resetting improperly.

The Integrated Answering System is easy and convenient to use, but please read through all of the instructions carefully.
Turning the Answering System On/Off

1) To turn the answering system on, press **ans on/off**.
   The current greeting message will be played and you will hear a confirmation tone. The message counter displays the number of messages stored in memory. If the display flashes, then there are new messages waiting for you.

2) To turn the answering system off, press **ans on/off** again.
   After the announcement “Answer off” the message counter display will no longer be illuminated.

Setting up Your Answering System

Using the Menu Mode

The Menu mode allows you to set the following Answering System functions.

- To scroll through the menu options, repeatedly press **menu**.
  The system returns to standby after the last menu option. You hear a confirmation tone to indicate standby mode.

- If any of the following occurs during menu setup, the handset returns to standby. Start over with the menu function prior to the interruption.
  - Press **talk/flash**
  - Press **play/stop**
  - 30 seconds lapse of time
  - Receive a call

- The idle time default setting is 30 seconds. If the base remains idle for 30 seconds, an error tone sounds and the system returns to standby.
- You can use volume ▲/▼ to adjust the announcement volume level during a voice prompt/guidance.

note

- For your convenience, voice prompts will guide you through the menu mode.

- After the setting, press **play/stop** to exit the menu mode, or **menu** to move to the next menu option. Or the system automatically returns to standby in 30 seconds after the setting.
Setting the Time

The clock on the EXAI 2248 series answering system starts when power is supplied to the base. Follow these steps to set the clock to the correct time.

1) Press **menu**.
   - The system announces “Time” and the current time. The message counter displays the current numbers ([ ] through [ ] ) indicating the day of the week.

2) Press **skip/ff** or **repeat/rew** until the correct day is announced. The numbers [ ] through [ ] are displayed on the base.

3) Press **set/ringer** to select the day.

4) Press **skip/ff** or **repeat/rew** until you hear the correct hour setting. The numbers [ ] through [ ] are displayed on the base as each hour is announced.

5) Press **set/ringer** to select the hour.

6) Press **skip/ff** or **repeat/rew** until you hear the correct minute setting. The numbers [ ] through [ ] are displayed on the base as each minute is announced.

**note**

- Normally the idle time for the menu mode is 30 seconds before the system returns to standby. However, for setting the time, the idle time is extended to two minutes.
- Press and hold **skip/ff** or **repeat/rew** to quickly scroll through the numbers on the display.
7) Press *set/ringer* to select the minute.

8) Press *skip/ff* or *repeat/rew* until you hear the correct AM or PM setting.
   The message counter displays [A] or [P].

9) Press *set/ringer* to select the AM/PM setting.

You hear a confirmation tone, then the announcement “Time” and the time and day are announced for your review. The base LED displays the number that corresponds with the day of the week.

### Setting a Personal Security Code (PIN)

To play your messages from a remote location, you will need to enter a two-digit Personal Identification Number (PIN) code (00-99). To select a PIN, perform the following steps:

1) Press *menu* twice.
   “Security code” and the current PIN code is announced as it is displayed on the base.

2) Press *skip/ff* or *repeat/rew* until the desired number appears.

3) Press *set/ringer* to select the PIN code. You hear a confirmation tone, then the announcement “Security code” and the new PIN code is announced.
Setting the ring time

The ring time setting allows you to set the number of rings the caller hears before your answering system plays the outgoing message. You can set the ring time to answer after two, four, or six rings. Setting [5] (Toll Saver), the answering system picks up after two rings if you have new messages, and after four rings if there are none. This way, if you make a long distance call to check your messages, you can hang up after the second ring to avoid billing charges.

1) Press menu three times.

2) Press repeat/rew or skip/ff until the desired ring time appears.

3) Press set/ringer to select the new ring time. You hear a confirmation tone, then the announcement “Ring time” and the new ring time is announced.
Selecting the message record time

You have three record time options. The options "1 minute" or "4 minutes" set the duration for recording the incoming messages. "Announce only" answers the call with the preset greeting or your personal greeting but prevents the caller from leaving a message.

1) Press menu four times.
   You hear “Record time” and the current recording time ([ ] 1 minute, [ ] 4 minutes, [ ] Announce only), and it is displayed on the base.

2) Press repeat/rew or skip/ff until the desired time appears.

3) Press set/ringer to select the new recording time. You hear a confirmation tone, then the announcement “Record time” and new recording time is announced.

Lowercase feature

The announce only feature plays a prerecorded outgoing message “Hello, no one is available to take your call. Please call again.”, but it will not allow the caller to leave a message. To set “Announce only”, follow the steps above.

To scroll between the prerecorded message or your own personal greeting, press greeting when the outgoing message is played. If you want to use your own greeting, you may want to change your greeting to omit the prompt "to leave a message". Refer to “Recording a personal outgoing message” (Greeting) on page 45.
Setting the Message Alert tone

Message Alert feature lets you know you have new messages by sounding a short beeping tone. If you set the Message Alert to On and when a new message is received, the alert tone will sound every 15 seconds.

Setting the Message Alert tone to On or Off by using menu key.
1) Press menu five times.
   You hear the announcement “Message Alert” and the current setting (Off or On), and it is displayed on the base.
2) Press repeat/rew or skip/ff to select.
3) Press set/ringer to select the new setting. You hear a confirmation tone, then the announcement “Message Alert” and the current setting you have selected is announced. When the first new message is received, the beeping tone will begin to sound.

Turning the Message Alert tone Off by pressing any key.
1) To quickly turn Message Alert tone off, press any key on the base unit and the tone will automatically deactivate. To reset, go back into the menu setup mode (steps 1 - 3 above.)

Turning Message Alert tone Off when you’re away from your phone.
1) When all new messages are played back using the remote playback feature (see page 51) the Message Alert tone will automatically deactivate. The tone will not deactivate until all messages are played back.
Setting Your Outgoing Message (Greeting)

When you receive a call, the answering system automatically plays either a preset message or your own greeting.

▼ Preset message
The following message is prerecorded:
"Hello, no one is available to take your call. Please leave a message after the tone."

Note See “Selecting the message record time”, page 43 how to set the announce only feature.

▼ Recording a personal outgoing message (Greeting)
1) Press and hold greeting.

You hear the announcement “Record greeting” and a confirmation tone. [••] flashes on the message counter.

2) Start recording your message. You have 30 seconds, and the message counter starts to count down [30] to [0] every second.

3) When you are finished recording your greeting, press greeting or play/stop.

You hear a confirmation tone, and then your greeting plays back for you.

▼ Choosing between the two outgoing messages
Press greeting. Then press greeting again when the outgoing message is played. This switches between the prerecorded greeting and the personal greeting. After finishing playing back the message, a confirmation tone is heard.

Note To delete the personal Greeting, press delete during the announcement and the system announces “Greeting has been deleted.”
Setting the base ringer volume

You have three ringer options. One allows you to turn the ringer off. The other two are volume levels.

1) Press set/ringer.
   You hear the ringer at the current volume level ([H], [L] Low, [OF] off) (if you set the base ringer volume to off, “off” is announced) and it is displayed on the base.

2) Press set/ringer until the desired ringer option appears.

3) The system displayed new ringer volume.

Adjusting the speaker volume level

You can adjust the volume of the base speaker by pressing the volume keys on the base. Press ▲ for louder or ▼ for softer during the base speaker is being used.

The numbers 0-9 are displayed on the base indicating the volume levels. 0 being the softest and 9 being the loudest.

When you press ▲ at 9 or ▼ at 0, an error tone sounds.
Using Your Answering System

The message counter displays the number of messages stored in memory. If the display flashes, then there are new messages waiting for you. The flashing number represents the number of new messages, not total messages. The EXAI 2248 series is designed to play your new messages first. After you play all your new messages, you can then play your old messages.

When the answering system is full, "F" is displayed on the base, and the system announces "No remaining time". You should delete some messages so that the system can record new messages. (Refer to "Deleting a message" on page 49.)

Playing your messages

1) Press play/stop.
   The system announces the number of new and old messages. The LED displays the number of new messages, and the number flashes. The day and time that each message was received is announced after the message is played. The message counter displays the number of current messages stored.

   When all new messages have been played, you hear a confirmation tone and an announcement “End of messages”. The system returns to standby.

2) After you have reviewed your new messages, you can play your old messages by again pressing play/stop.
   Once you have listened to a new message, it becomes an old message. The old messages will be played in the order in which they were received.

EXAI2248  2/8/2 7:05 PM  Page 47
THE INTEGRATED ANSWERING DEVICE

Repeating a message

1) Press *play/stop* to review your messages. The number of stored messages are announced.

2) After a message has played for a few seconds, press *repeat/rew* to replay the message. If you have several messages, press *repeat/rew* repeatedly until you return to the message you want to replay.

3) Press *play/stop* at any time to stop reviewing messages and return to standby. The message counter shows the number of messages stored in memory.

To quickly scroll backward through a message, press and hold *repeat/rew*.

Skipping a message

1) Press *play/stop* to review your messages. The number of messages is announced.

2) Press *skip/ff* at anytime to skip to the next message. Each time *skip/ff* is pressed, the system scans forward one message. If you have several messages, press *skip/ff* to find the message you want to play.

3) Press *play/stop* at any time to stop reviewing your messages and return to standby. The message counter shows the number of messages stored in memory.

To quickly scroll forward through a message, press and hold *skip/ff*.
Deleting a message

To maintain maximum record time, delete the old messages.

1) Press **play/stop** to review your messages.
2) Press **delete** anytime during the message to delete.
3) You hear a confirmation tone and the message is deleted.

You can also delete all the messages.

1) Press **delete**.
   You hear a announcement “To delete all messages, press delete again”.
2) Press **delete** again.
   You hear a confirmation tone and all the messages are deleted.

When you try to delete all messages without first listening to your new messages, you hear several short beeps followed by an announcement “Please playback all messages”. This protects you from accidentally erasing messages you have not yet reviewed.
The voice memo function allows the user to record messages (up to 10 minutes).

1) Press and hold **memo**.
   You hear an announcement “Record memo message” and a confirmation tone. [---] flashes on the message counter.

2) Start your recording.

3) When you have finished, press **play/stop** or **memo** to stop recording. You hear a confirmation tone and the system returns to standby.

---

**Recording a conversation**

You can record up to 10 minutes of conversation while you are using your phone.

1) During a conversation from the handset, press and hold **memo**. The unit begins recording and [---] flashes on the message counter.
   **A beep that can be heard by both parties, sounds during recording.**

   If you receive a call waiting tone while recording a conversation, press **flash** to accept the waiting call. The recording feature continues recording the new call. The original call is put on hold.

2) To stop recording, press **play/stop** or **memo**.
Remote access away from home
You can operate your answering system from a remote location using any touch-tone telephone. Use this function to check for recorded messages, to play or delete messages, even to record a new greeting message.

1) Call your telephone number.

2) During the greeting message, press # and enter your PIN code.

3) The answering system announces the current time and the number of messages stored in memory. Then you hear "To play incoming messages, press pound two. For help, press pound zero".

4) You may continue to listen to the Help Guidance, or you may select a command from the following chart:

<table>
<thead>
<tr>
<th>Command</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td># then 1</td>
<td>Repeat a Message</td>
</tr>
<tr>
<td># then 2</td>
<td>Playing Incoming Messages</td>
</tr>
<tr>
<td># then 3</td>
<td>Skipping a Message</td>
</tr>
<tr>
<td># then 4</td>
<td>Deleting a Message</td>
</tr>
<tr>
<td># then 5</td>
<td>Stop Operation</td>
</tr>
<tr>
<td># then 6</td>
<td>Answering System On</td>
</tr>
<tr>
<td># then 7</td>
<td>Memo Record/ Stop*</td>
</tr>
<tr>
<td># then 8</td>
<td>Greeting Message Record/ Stop*</td>
</tr>
<tr>
<td># then 9</td>
<td>Answer System Off</td>
</tr>
<tr>
<td># then 0</td>
<td>Help Guidance</td>
</tr>
</tbody>
</table>

For your convenience remote operation cards are provided for you to use while away from home (located after the index page).

You must enter a command within 15 seconds of entering command waiting mode or the answering system automatically hangs up and returns to standby.
* For Memo Record and Greeting Message Record function, the first time you enter the corresponding command, it starts the Recording function. If you want to stop the recording, enter the command again.

5) After all of the Help Guidance prompts have played, you hear intermittent beeps indicating that the system is in the command waiting mode. You may enter another command at this time from the chart.

6) When you are finished, hang up to exit the system. The answering system automatically returns to standby.

**Turn on the answering system remotely**

If you have forgotten to turn on your answering system, you can turn it on remotely from any touch-tone telephone.

1) Call your telephone number.

2) Wait ten rings until the system answers. You hear a beep.

3) Press # and then enter your PIN code. The answering system announces the number of messages stored in memory. You hear "To play incoming messages, press pound two. For help, press pound zero".

4) Press # then 6 to turn the answering system On. You hear the outgoing message and a confirmation tone.

5) Hang up the phone and subsequent calls will be answered by the system.
Changing the Digital Security Code

The digital security code is an identification code used to connect the handset and the base unit. Normally, setting the code is not necessary. The first time you charge your handset, the security code is automatically set. (See "About the digital security code", page 7.) In the rare situation that you suspect another cordless telephone is using the same security code, you can change the code.

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

Installing the Beltclip

**To attach the beltclip**
Insert the beltclip into the holes on each side of the handset. Press down until it clicks.

**To remove the beltclip**
Pull both sides of the beltclip to release the tabs from the holes.

Headset Installation

Your phone may be used with an optional headset, the Uniden HS910. To use this feature, insert headset plug into the headset jack. Your phone is ready for hands-free conversations. (Headset may be purchased by calling the Uniden Parts Department or visiting the web site. See Page 8.)
Note on Power Sources

Battery replacement and handling
When the operating time becomes short, even after a battery is recharged, please replace the battery. With normal usage, your battery should last about one year. Please contact your place of purchase or the Uniden Parts Department for a replacement battery.

Warning: To avoid the risk of personal injury or property damage from fire or electrical shock, only use the Uniden battery model and Uniden adapter model specifically designated for this product.

<table>
<thead>
<tr>
<th>Power Failure</th>
<th>Caution</th>
</tr>
</thead>
<tbody>
<tr>
<td>During the period that the power is off, you will not be able to make or receive calls with the telephone.</td>
<td>• Use only the specified Uniden battery pack (BT-905).</td>
</tr>
<tr>
<td></td>
<td>• Do not remove the battery from the handset to charge it.</td>
</tr>
<tr>
<td></td>
<td>• Never throw the battery into a fire, disassemble it, or heat it.</td>
</tr>
<tr>
<td></td>
<td>• Do not remove or damage the battery casing.</td>
</tr>
</tbody>
</table>

Maintenance

When slightly dirty
Wipe with a soft, dry cloth.

When very dirty
Wipe with a soft cloth that has been dampened with diluted, neutral detergent. Dry with a dry cloth.

When the charging terminals become dirty
Wipe with a dry cloth or a pencil eraser, if necessary. (See page 11 for the location of charging terminals.)

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

If your phone is not performing to your expectations, please try these simple steps first.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>The <em>status</em> LED won’t illuminate when the handset is placed in the base.</td>
<td>• Make sure the AC adapter is plugged into the base and wall outlet.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the handset is properly seated in the base.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the charging contacts on the handset and base are clean.</td>
</tr>
<tr>
<td>The audio sounds weak and/or scratchy.</td>
<td>• Make sure that the base antenna is in a vertical position.</td>
</tr>
<tr>
<td></td>
<td>• Move the handset and/or base to a different location away from metal</td>
</tr>
<tr>
<td></td>
<td>objects or appliances and try again.</td>
</tr>
<tr>
<td></td>
<td>• Press delete/ch in the Talk mode to help eliminate background noise.</td>
</tr>
<tr>
<td></td>
<td>• Make sure that the handset is not too far from the base.</td>
</tr>
<tr>
<td>Can’t make or receive calls.</td>
<td>• Check both ends of the telephone line cord.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the AC adapter is plugged into the base and wall outlet.</td>
</tr>
<tr>
<td></td>
<td>• Disconnect the AC adapter for a few minutes, then reconnect it.</td>
</tr>
<tr>
<td></td>
<td>• Change the digital security code (See page 53).</td>
</tr>
<tr>
<td></td>
<td>• Make sure that the handset is not too far from the base.</td>
</tr>
<tr>
<td>The Caller ID does not display.</td>
<td>• The handset was picked up before the second ring.</td>
</tr>
<tr>
<td></td>
<td>• The call was placed through a switch board.</td>
</tr>
<tr>
<td></td>
<td>• Call your local telephone company to verify your Caller ID service</td>
</tr>
<tr>
<td></td>
<td>is current.</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Symptom</th>
<th>Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>The handset doesn't ring or receive a page.</td>
<td>• The battery pack may be weak. Charge the battery for 15-20 hours.</td>
</tr>
<tr>
<td></td>
<td>• The handset may be too far from the base unit.</td>
</tr>
<tr>
<td></td>
<td>• Place the base unit away from appliances or metal objects.</td>
</tr>
<tr>
<td></td>
<td>• Change the digital security code (See page 53).</td>
</tr>
<tr>
<td>Severe noise interference.</td>
<td>• Keep the handset away from microwave ovens, computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances.</td>
</tr>
<tr>
<td></td>
<td>• Move to another location or turn off the source of interference.</td>
</tr>
<tr>
<td>The answering system does not work.</td>
<td>• Make sure the base unit is plugged in.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the answering system is turned on.</td>
</tr>
<tr>
<td>The answering system does not answer calls.</td>
<td>• Set the record time to either the one minute or four minute option.</td>
</tr>
<tr>
<td></td>
<td>• The memory may be full. Delete some or all of the saved messages.</td>
</tr>
<tr>
<td>Messages are incomplete.</td>
<td>• The incoming messages may be too long. Remind callers to leave a brief message.</td>
</tr>
<tr>
<td></td>
<td>• The memory may be full. Delete some or all of the saved messages.</td>
</tr>
<tr>
<td>After a power failure, the outgoing message is deleted.</td>
<td>• Record your personal outgoing message again. The default message should remain.</td>
</tr>
<tr>
<td>Symptom</td>
<td>Suggestion</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>No sound on the base unit speaker during call monitoring or message</td>
<td>• Adjust the speaker volume on the base unit.</td>
</tr>
<tr>
<td>playback.</td>
<td></td>
</tr>
<tr>
<td>Cannot access remote call-in features from another touch-tone phone.</td>
<td>• Make sure you're using the correct PIN code.</td>
</tr>
<tr>
<td></td>
<td>• Make sure that the touch-tone phone you're using can transmit the tone for at least two</td>
</tr>
<tr>
<td></td>
<td>seconds. If it cannot, you may have to use another phone to access your messages.</td>
</tr>
<tr>
<td>If you still have a problem.</td>
<td>• Call our customer hotline at 1-800-297-1023.</td>
</tr>
</tbody>
</table>
General Information

The phone complies with FCC Parts 15 and 68.
Operating temperature: 0°C to 50°C (+32°F to +122°F)

<table>
<thead>
<tr>
<th>AC Adapter Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Adapter part number:</td>
<td>AD-420</td>
</tr>
<tr>
<td>Input Voltage:</td>
<td>120V AC 60Hz</td>
</tr>
<tr>
<td>Output Voltage:</td>
<td>9V AC 350 mA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Battery Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery part number:</td>
<td>BT-905</td>
</tr>
<tr>
<td>Capacity:</td>
<td>600 mAH, 3.6V</td>
</tr>
<tr>
<td>Battery use time (per charge)</td>
<td></td>
</tr>
<tr>
<td>From fully charged</td>
<td></td>
</tr>
<tr>
<td>Talk mode duration:</td>
<td>7 hours</td>
</tr>
<tr>
<td>Standby mode duration:</td>
<td>14 days</td>
</tr>
</tbody>
</table>

If the handset is left off of the base, the actual Talk mode duration will be reduced respective to the amount of time the handset is off the base.

Recharge your phone on a regular basis by returning the handset to the base after each phone call. When the operating time becomes short, even after the battery is recharged, please replace the battery. With normal usage, the battery should last about one year.

A replacement Uniden adapter and battery may be purchased at your local Uniden dealer or by contacting the Uniden Parts Department (800) 554-3988. Hours are from 7:00 a.m. to 5:00 p.m. Central Time, Monday through Friday. We can also be reached on the web at www.uniden.com.

Specifications, features, and availability of optional accessories are all subject to change without prior notice.
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. Use a dry cloth for cleaning without liquid or aerosol cleaners.
4. Do not use this product near water; for example, near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not expose this product to rain or water.
6. Do not place this product on an unstable cart, stand, or table. The telephone may fall, causing serious damage to the unit.
7. Sticks 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.
8. This product is not waterproof. To prevent damage to the product, do not expose it to rain or water.
9. Do not use this product in the vicinity of gas leaks.

Uniden Corporation
1935 Grasselli Street, Northbrook, IL 60062-1070
www.uniden.com
1-800-297-1982

Additionsal Information

INFORMATION

ADDITIONAL INFORMATION [ 59 ]
Radio Interference
Radio interference may occasionally cause buzzing and humming in your cordless handset, or clicking noises in the base. This interference is caused by external sources such as TV, refrigerator, vacuum cleaner, fluorescent lighting, or electrical storm. Your unit is NOT DEFECTIVE. If these noises continue and are too distracting, please check around your home to see what appliance 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 TV and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

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

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

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

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

TERMINAL EQUIPMENT

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

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

RADIO EQUIPMENT

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

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

Remote access away from home
1. Call your phone number from a touch-tone phone.
2. During the outgoing message, press # and enter your PIN code. The answering system announces the number of messages stored in memory and the help guidance. The phone stands by for you to enter a command.
3. To quit, hang up the phone.

Turn on the answering system remotely
1. Call your phone and let it ring 10 times until it answers.
2. Enter your PIN code.
3. Press # then 5 to stop the announcement.
4. Press # then 6 to turn the answering system on.

To quit, hang up the phone.
# Remote Operation Card

<table>
<thead>
<tr>
<th>Task</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeat a Message</td>
<td># 1</td>
</tr>
<tr>
<td>Playing Incoming Messages</td>
<td># 2</td>
</tr>
<tr>
<td>Skipping a Message</td>
<td># 3</td>
</tr>
<tr>
<td>Deleting a Message</td>
<td># 4</td>
</tr>
<tr>
<td>Stop Operation</td>
<td># 5</td>
</tr>
<tr>
<td>Answering System On</td>
<td># 6</td>
</tr>
<tr>
<td>Memo Record/Stop</td>
<td># 7</td>
</tr>
<tr>
<td>Greeting Message Record/Stop</td>
<td># 8</td>
</tr>
<tr>
<td>Answer System Off</td>
<td># 9</td>
</tr>
<tr>
<td>Help Guidance</td>
<td># 0</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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</tr>
<tr>
<td>Answer System Off</td>
<td># 9</td>
</tr>
<tr>
<td>Help Guidance</td>
<td># 0</td>
</tr>
</tbody>
</table>
At Uniden, we’ll take care of you!

If you need any assistance with this product, please call our Customer Hotline at 1-800-297-1023

PLEASE DO NOT RETURN THIS PRODUCT TO THE PLACE OF PURCHASE.

Our Uniden representatives will be happy to help you with any matters regarding the operation of this unit, available accessories, or any other related matters.

Thank you for purchasing a Uniden product.

Hours: M-F 8:00 AM to 5:00 PM CST.
May be covered under one or more of the following U.S. patents:
4,117,781 4,239,059 4,345,765 4,379,216 5,316,480 5,426,690
5,434,805 5,641,745 5,639,010 5,643,005 5,574,727 5,687,594
5,650,790 5,660,269 5,661,760 5,663,981 5,671,248 5,696,471
5,777,312 5,772,255 5,754,407 5,756,299 5,784,345 5,787,356
5,786,152 5,807,644 5,825,181 5,838,721 5,864,619 5,883,034
5,912,908 5,915,227 5,929,598 5,930,720 5,960,938 5,987,330
6,044,281 6,070,082 6,125,277 6,205,086

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Contains additional foreign patents.

Custom manufactured in China.

UCZZ01360ZA