

Uniden®

OWNER'S MANUAL

TRU341



24
tr 4
.4GHZ
DIGITAL SPREAD SPECTRUM



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Introduction

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

Digital Spread Spectrum Technology utilizes a “wider frequency band” vs. a “single narrow band” used in standard digital transmissions. The 2.4 GHz frequency range was recently released to commercial communications. It provides secure conversation with the clarity of digital sound, extended range, and reduced interference.

Features

- 2.4 GHz Digital Spread Spectrum
- 30 Channel Autoscan
- 10-Number Memory Dialing
- Desk or Wall Mountable
- Tone/Pulse Dialing
- Handset Volume Control
- 32 Digit Redial
- Page/Find
- AutoTalk™
- AutoStandby™
- 6 Hour Talk Time
- 10 Day Standby Time
- Hearing Aid Compatible

The TRU 341 features include AutoTalk and AutoStandby.

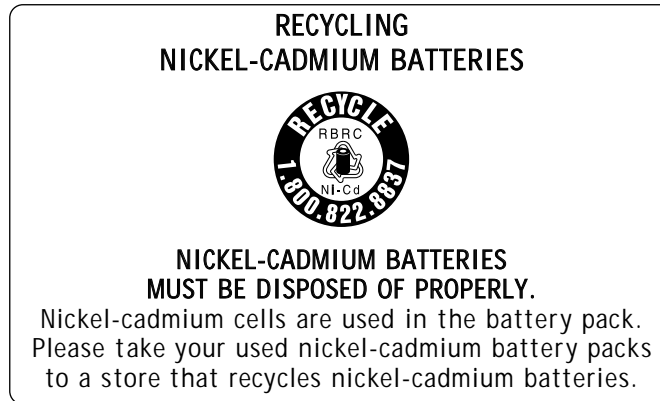
AutoTalk allows you to answer a call by just removing the handset from the base so you don't have to waste time pushing buttons or flipping switches. AutoStandby allows you to hang up by simply returning the handset to the base.

To protect you against misbilled calls which might result from your phone being activated by other equipment, the TRU 341 has Random Code™ digital security which automatically selects one of over 65,000 digital security codes for the handset and base.

Also, the AutoSecure™ feature electronically locks your phone when the handset is in the base.

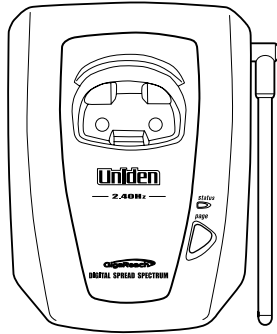
To get the most from your phone, please read this owner's manual thoroughly. Also, be sure to complete the product registration form and mail it in.

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



Uniden® is a registered trademark of Uniden America Corporation.
AutoTalk, AutoStandby, Random Code, and AutoSecure are trademarks of
Uniden America Corporation.

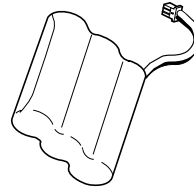
Included with Your TRU 341 Phone



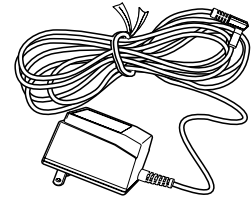
• Base unit



• Handset



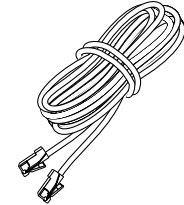
• Rechargeable battery



• AC adapter



• Beltclip



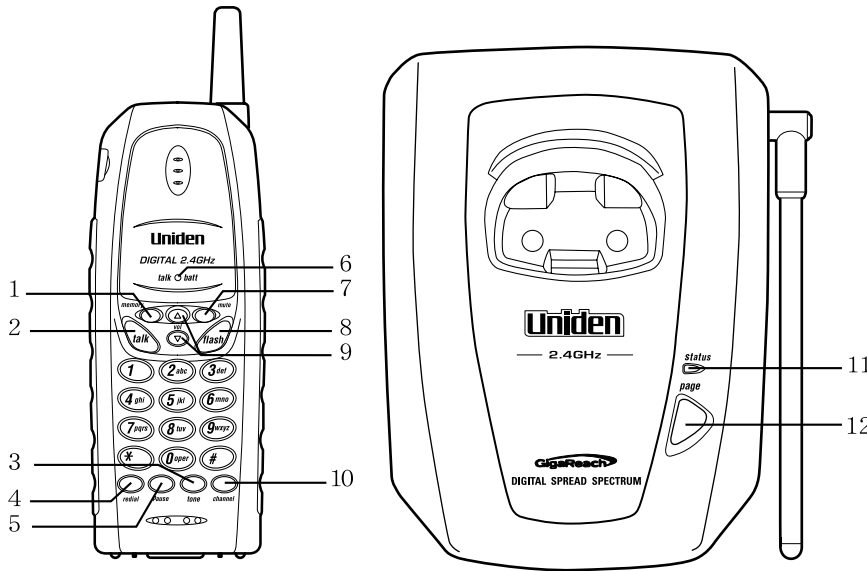
• Telephone cord

Also included:

- This Owner's Manual
- Other Printed Material
- Precautions and Important Safety Instructions

If any of these items are missing or damaged, contact the Uniden Parts Department at (800) 554-3988, 7:00 a.m. to 5:00 p.m. Central, Monday through Friday, or contact us on the web at www.uniden.com

Controls and Functions



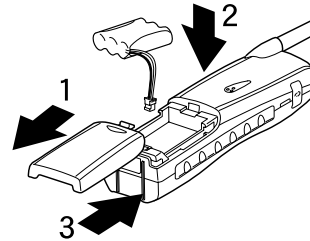
1. **memory** — Enters or recalls numbers in memory
2. **talk** — Answers or places calls
3. **tone** — Switches to tone dialing in pulse dial mode
4. **redial** — Redials the last number
5. **pause** — Adds a timed pause in a memory dialing sequence
6. **talk/battery low** LED — Indicates when phone is in use or the battery is low
7. **mute** — Turns off the handset microphone while you are using the phone
8. **flash** — Accesses call waiting (if available)
9. **volume** — Sets both the ringer and earpiece volumes
10. **channel** — Selects another channel for clearer reception
11. **status** LED — Indicates the phone is in use or the handset is charging
12. **page** — Locates the handset

Installation

Charging the Battery Pack

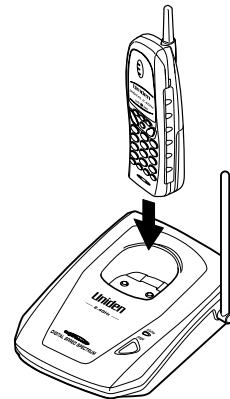
The rechargeable nickel-cadmium battery pack must be fully charged before using your phone for the first time. **Before plugging the phone line into your new phone, you must charge the battery for approximately 15 hours without interruption.**

1. Remove the handset battery cover.
2. Plug the battery cable into the handset and place the battery pack inside the battery compartment.
3. Replace the battery cover.



▼ *Charging the Handset*

To charge, place the handset on the base as shown with the keypad facing forward.



- The plastic connectors will fit together only one way. Make sure the battery's connector is properly aligned. Use only the Uniden battery pack (model BT-905).
- Replacement batteries are also available through the Uniden Parts Department. (See page 3)



- Even when the battery pack is not being used, it will gradually discharge over a long period of time. For optimum performance, be sure to return the handset to the base unit after a telephone call for charging the battery.
- If you must replace the battery pack during a telephone call, complete the replacement within 30 second, and you may return to the caller.

▼ *Battery use time (per charge)*

From fully charged

- Six hours continuous use.
- Ten days when the handset is in the standby mode.

▼ *Low Battery Indicator*

When the battery pack in the handset is low and needs to be charged, the **talk/battery low** indicator flashes.

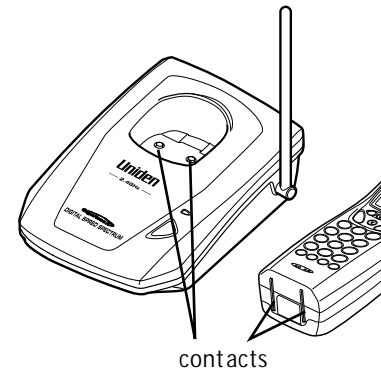
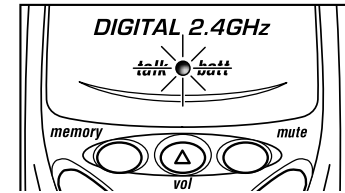
If this occurs while you are on the phone, you will hear an alert tone. Complete your call as quickly as possible and return the handset to the base for charging.

▼ *Cleaning the Battery Contacts*

To maintain a good charge, it is important to clean all battery contacts on the handset and base about once a month.

Use a dry cloth or pencil eraser, if necessary.

Do not use any liquids or solvents.



Selecting a Location

Before choosing a location for your new phone, read the **INSTALLATION CONSIDERATIONS** included in the **PRECAUTIONS AND WARRANTY INFORMATION** brochure. Here are some important guidelines you should consider:

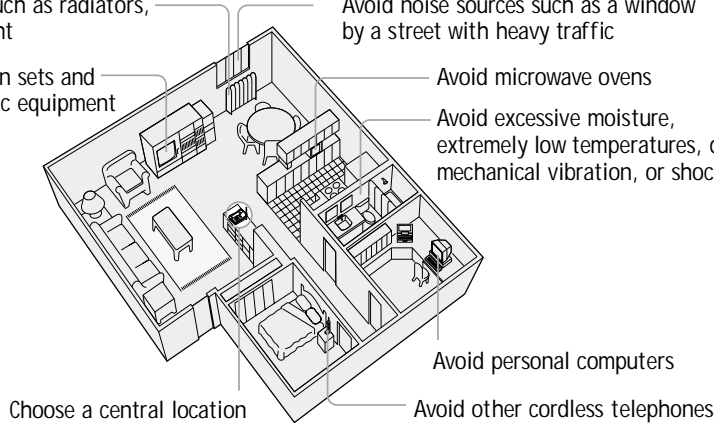
Avoid heat sources such as radiators, air ducts, and sunlight

Avoid television sets and other electronic equipment

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



- The location should be close to both a phone jack and continuous power outlet.
- Keep the base unit and handset away from sources of electrical noise such as microwave ovens, motors, or fluorescent lighting.
- Be sure there is sufficient space to rotate the base unit antenna to a vertical position.
- After installing the battery pack in the handset, you should charge your handset for **15 hours before using the phone**. Once the handset battery pack is fully charged, connect the telephone line cord to the base and telephone wall outlet.



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



Do not place the power cord in an area where it may create a trip hazard or become chafed and create a fire or electrical hazard.

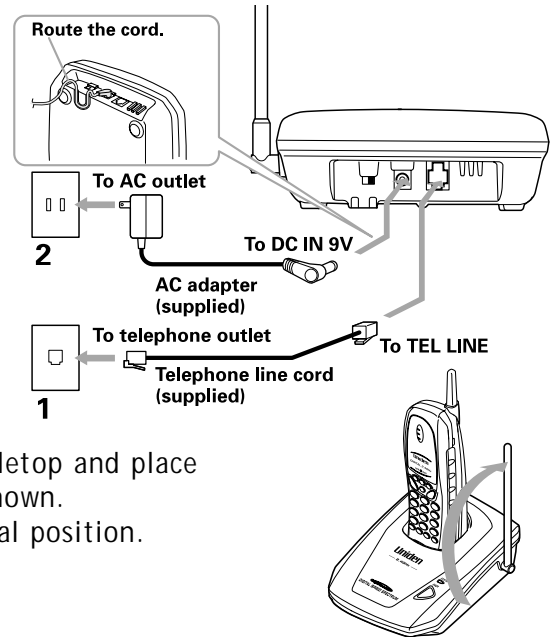


Place the power cord so it does not create a trip hazard or where it could become chafed and create a fire or electrical hazard.

Setting Up Your Phone

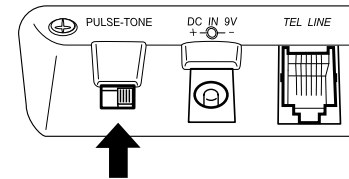
Connect the Base Unit

1. Connect the telephone line cord to the **TEL LINE** jack and to a telephone outlet.
2. Connect the AC adapter to the **DC IN 9V** jack and to a standard 120 V AC wall outlet.
3. Set the base unit on a desk or tabletop and place the handset on the base unit as shown. Then raise the antenna to a vertical position.







Setting the Dial Mode Switch

Place the switch in the **TONE** position for tone dialing, or the **PULSE** position for pulse dialing. If you aren't sure of your dialing system, make a trial call with the **PULSE-TONE** switch set to **TONE**. If the call connects, leave the switch as is, otherwise set to **PULSE**.







Adjusting Ringer/Volume Controls

▼ *Ringer Tone and Volume*

1. While the phone is not in use, press **volume**  .
2. The phone has two ringer tones, each with two volume levels.
Press **volume**   again until you hear the ringer tone and volume level you want.

▼ *Setting the Handset Earpiece Volume*

1. While you are on a call, press **volume**  .
2. The phone has four receiver volume levels; Low, Medium, High, and Maximum.
Press **volume**   again until you hear the volume level you want.
When you hang up, the phone keeps the last volume setting selected.

Using Your Phone

Making and Receiving Calls



- You have 20 seconds after pressing **memory** to enter the number you wish to store. Otherwise, an error tone will sound.
- Write down stored numbers on the supplied memo sticker.

	Handset on Base	Handset off Base
Answer call	When the phone rings, remove the handset from the base. (AutoTalk)	Press any key.
Make call	1. Remove the handset from the base and press talk . 2. The talk/battery low LED lights. 3. Listen for the dial tone. 4. Dial the number.	1. Pick up the handset and press talk . 2. The talk/battery low LED lights. 3. Listen for the dial tone. 4. Dial the number.
Hang up	Return handset to the base, (AutoStandby) or press talk .	Press talk .
Redial	1. Remove the handset from the base and press talk . 2. Listen for the dial tone. 3. Press redial to dial the last number dialed.	1. Pick up the handset and press talk . 2. Listen for the dial tone. 3. Press redial to dial the last number dialed.

Storing a Number in Memory

Your TRU341 phone has 10 memory locations for storing important telephone numbers.

1. Remove the handset from the base and press **memory**.
The **talk/battery low** LED flashes.
2. Enter the phone number you want to store (up to 20 digits).
3. Press **memory** and enter a number (0-9) on the keypad for the memory location you want to use. You hear a long beep and the **talk/battery low** LED goes out indicating the number has been stored successfully.
If you select any keys other than 0-9, the handset will beep rapidly and no number will be stored.

Entering a Pause in Memory Dialing

If you would like to use a phone number stored in memory to access voice mail, for example, you can store a pause in the phone number sequence. To use this function, follow steps 1 and 2 in “Storing a Number in Memory”, then press the *pause* button on the handset to place a pause in the phone number sequence. Each pause counts as one digit and represents a two second delay of time between the digits.

Follow the remaining steps in the “Storing a Number in Memory” section to complete the operation.

Storing Mixed Tone/Pulse Numbers

If your phone is set up for pulse dialing, you can store a mixed mode number (up to 20 digits) to easily access long distance services.

1. Remove the handset from the base and press *memory*. The *talk/battery low* LED flashes.
2. Enter the number to be dialed in pulse mode.
3. Press the *tone* button on the handset. The *tone* button counts as one digit and enters a pause.
4. Enter the number(s) to be dialed in tone mode.
5. Press *memory* and a number (0-9) on the keypad for the memory location you wish to use. You hear a long beep and the *talk/battery low* LED goes out.



Remember, the phone number you wish to store cannot have more than 20 digits, including the pause. (The *pause* button counts as one digit.)



If you select a memory location that does not have a stored number, the handset will beep rapidly and the phone will not dial.

Dialing a Stored Number

To dial a phone number stored in memory, press *talk*, then press *memory* and the memory location (0-9). Your phone will dial the stored number.

Chain Dialing

After dialing a number you may be requested to enter a special access code, for example, when performing a banking transaction.

1. Store the access code into one of the memory locations (0-9).
2. Dial the main number.
3. Press *memory* and the memory location of the access code at the appropriate time.

Erasing a Stored Number

1. Remove the handset from the base.
2. Press *memory* twice.
3. Press the *memory* location number (0-9) you want to erase.
You hear a long beep confirming that you have erased the number.

Mute

You can temporarily turn off the handset microphone so that the person you are talking with cannot hear you. During a telephone call, press ***mute*** to turn off the microphone. To cancel mute, press ***mute*** again.

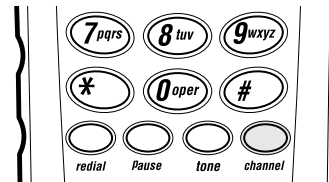
Replacing a Stored Number

Remember, your TRU 341 phone has 10 memory locations represented by the numbers 0-9 on the keypad. If you store a phone number in one of these locations, then attempt to store a different number in the same location later, the new number will ***replace*** the previous one.

Selecting a Different Channel

If you encounter interference while using your phone, you can manually change the phone's channel for clear operation. Interference can come from appliances or other phones in your home. This function works only when the phone is in use.

The ***channel*** button on the handset allows you to choose between 30 factory set channels. During the course of a conversation, if you hear static or noise which makes it difficult to hear, press ***channel***. The ***talk/battery low*** LED flashes, indicating the phone is changing to another channel.





- The paging feature does not work when the phone is in use.
- When an incoming call is received during paging, paging is canceled and the telephone is switched to the incoming call.

Using the Flash Button

Use the *flash* button for accessing services such as call waiting. (You must subscribe to Call Waiting service from your phone company to use this feature.) If you receive a call during your conversation, press the *flash* button on the handset. Press the *flash* button again to return to the previous call.

Using the Page/Find Feature

The Page/Find feature sends a signal from the base to the handset causing it to beep. This is useful for locating the handset when it is away from the base. To use this feature, press *page* on the base. The handset beeps for 5 seconds. (Press and hold the *page* button for more than 2 seconds, to get a continuous beep for a minute.)

If you hold down *page* more than a minute, the handset beeps until you release *page*.

Press any key on the handset to end the page.

Note: If you press *talk* during paging, the handset will be placed in the off-hook (talk) mode.

Traveling Out of Range

During a call, as you begin to move too far from the base unit, noise increases. If you pass the range limits of the base, your call will terminate within 30 seconds.

Troubleshooting

If your TRU 341 cordless telephone is not performing to your expectations, please try these simple steps. If you are still unable to resolve the problems, contact your place of purchase or call customer service at (800) 297-1023.

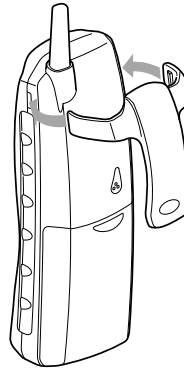
Caution: Do not attempt to service this unit yourself. Servicing must be performed by qualified personnel.

Problem	Suggestion
The <i>status</i> LED won't come on when handset is placed in base	<ul style="list-style-type: none">• Make sure the AC adapter is plugged into the base and wall outlet.• Make sure the handset is properly seated in the base.• Make sure the rechargeable battery pack is properly connected in the handset.• Make sure that the charging contacts on the handset and on the base are clean.
The audio sounds weak and/or scratchy	<ul style="list-style-type: none">• Make sure that the base antenna is in the vertical position.• Interference may be caused by other electronic equipment such as TVs, computers, microwave ovens, etc.• You may have gone too far from the base.• Press <i>channel</i> to help eliminate background noise.
Can't make or receive calls	<ul style="list-style-type: none">• Check both ends of the telephone line cord.• Make sure the AC adapter is plugged into the base and a wall outlet.• Disconnect the AC adapter for a few minutes, then reconnect it.• Reset the security code by placing the handset back on the base for a few seconds. The <i>status</i> LED will blink indicating that the phone has been reset.
Handset doesn't ring or receive a page	<ul style="list-style-type: none">• The nickel-cadmium battery pack may be weak.• Charge the battery for 15 hours.• The handset may be too far away from the base.• Place the base away from appliances or metal objects.• Reset the security code by placing the handset back on the base for a few seconds. The <i>status</i> LED will blink indicating that the phone has been reset.
Severe noise interference	<ul style="list-style-type: none">• Keep the handset away from microwave ovens, computers, remote control toys, wireless microphones, alarm systems, intercoms, room monitors, fluorescent lights, and electrical appliances.• Move to another location or turn off the source of interference.

Installing the Beltclip

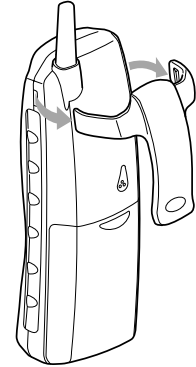
To Attach the Beltclip

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



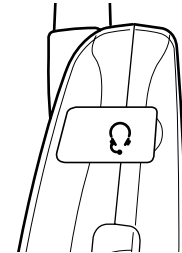
To Remove the Beltclip

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, simply plug the headset plug into the headset jack on the handset. Your phone is ready for hands-free conversation. (Headsets may be purchased by call the Uniden Parts Department or visiting the web site. See page 3.)



GENERAL INFORMATION

The TRU 341 complies with FCC Parts 15 and 68.

Operating Temperature: -10 °C to +50 °C (+14 °F to +122 °F)

AC Adapter Information

AC Adapter part number: AD-311
Input Voltage: 120V AC 60Hz
Output Voltage: 9V DC 210 mA

Battery Information

Battery part number: BT-905
Capacity: 600 mAh, 3.6V
Battery Use Time (per charge)
From fully charged:
Talk Mode duration 6 hours
Standby Mode duration 10 days

Note: 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 about once a week by placing the handset on the base for 15 hours. 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.

Replacement batteries 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.

THANK YOU FOR PURCHASING A UNIDEN CORDLESS PHONE

A World Without Wires | **Uniden**[®]

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

4,511,761	4,523,058	4,595,795	4,797,916	5,381,460	5,426,690
5,434,905	5,491,745	5,533,010	5,574,727	5,650,790	5,660,269
5,661,780	5,663,981	5,671,248	5,717,312	5,754,407	5,768,345
5,787,356	5,838,721	5,864,619	5,893,034	5,912,968	5,915,227
5,929,598	5,930,720	5,960,358	5,987,330		

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