

Uniden®

TRU 8860

SERIES

OWNER'S

MANUAL

OWNER'S MANUAL

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Welcome

Congratulations on your purchase of this Uniden Digital Expandable Cordless Telephone System! This unit is different from conventional cordless telephones. When the base unit is connected to AC power and a telephone line, it can support up to 10 handsets. You can now place a fully-featured cordless handset anywhere in your home or office where AC power is available to connect the handset chargers. Extra handsets also allow you to establish a 3-way conference call among 2 handsets and an outside line.

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

As an Energy Star® Partner, Uniden has determined that this product or product models meets the Energy Star® guidelines for energy efficiency.

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Features

- 5.8GHz Digital Expandable
- 10 Multi-Handset Expandability
- Hands-Free Duplex Speakerphone in the Handset
- Caller ID/Call Waiting Deluxe (subscribe through local telephone company)
- 100 programmable Memory Locations
- Trilingual Display Options (English, French and Spanish)
- Intercom/Call Transfer Between Handsets
- 20 Distinctive Ring Options (10 ringer tones and 10 melody ringers)
- Mute and Hold Features
- DirectLink™ Mode
- Room/Baby Monitoring
- Battery Level Indicator
- Clock Display
- Animation Displays

This series features **AutoTalk™** and **AutoStandby™**. AutoTalk allows you to answer a call by just removing the handset from the cradle so you don't have to waste time pushing buttons. AutoStandby allows you to hang up by simply returning the handset to the cradle.

To protect you against mis-billed calls that might result from your phone being activated by other equipment, this series has **Random Code™** digital security, which automatically selects one of more than 10,000,000 digital security codes for the handset and base.

Digital Spread Spectrum Technology uses a wider frequency band than standard digital transmissions. The result is a more secure conversation with the clarity of digital sound, extended range, and minimal interference from other cordless phones.

IntegriSound™ Built in sound quality which provides life-like conversations.

With **DirectLink™** mode, you can use 2 or more handsets as radio transceivers (walkie-talkies).

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

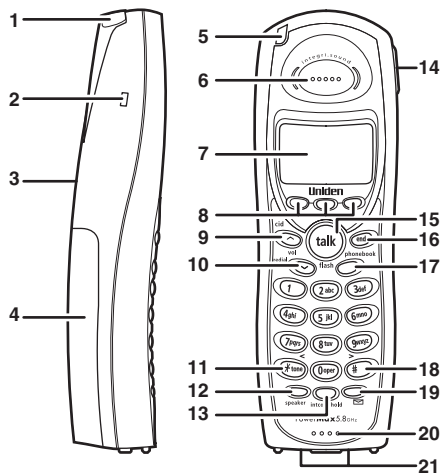
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AutoTalk, AutoStandby, DirectLink, IntegriSound, and Random Code are trademarks of Uniden America.

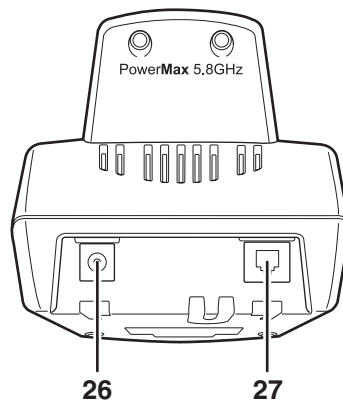
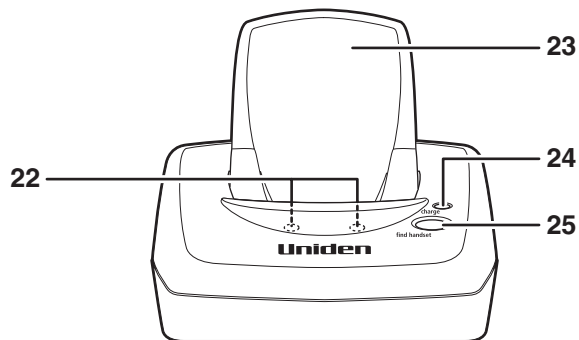
Terminology

- **Standby Mode** - The handset is not in use, and **talk/flash** or **speaker** has not been pressed. No dial tone is present.
- **Talk Mode** - The handset is not in the cradle, and **talk/flash** or **speaker** has been pressed, enabling a dial tone. Talk appears on the display.

Controls & Functions



1. Handset Antenna
2. Beltclip Hole
3. Speakerphone Speaker and Ringer
4. Handset Battery Compartment
5. New Message LED
6. Handset Earpiece
7. LCD Display
8. **soft** Keys (P. 8)
9. **cid/vol/∧** (volume up) (P. 48, 34 & 18)
10. **redial/p/vol/∨** (volume down) (P. 34, 32, 21 & 35)
11. ***/tone/<** (P. 36 & 41)
12. **speaker** (P. 31)
13. **intcom/hold** (P. 54 & 33)
14. Headset Jack Cover
15. **talk/flash** (P. 32 & 33)
16. **end** (P. 32)
17. **phonebook** (P. 39)
18. **#/>** (P. 41)
19. [Message Icon] (Message) (P. 38)
20. Handset Microphone
21. Handset Charging Contacts



- 22. Base Charging Contacts
- 23. Base Antenna
- 24. Charge LED
- 25. *find handset* (P. 56)
- 26. **DC IN 9V** Jack
- 27. **TEL LINE** Jack

Display and Icons

Example of the standby mode display



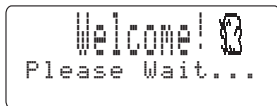
- Ringer off icon (when the ringer is off)/ day of the week and time / battery icon
- Handset ID and Banner
- Number of new Caller ID calls received (If there are no new Caller ID messages, the Handset ID appears here.)

ICON	Appears During	DESCRIPTION
	Standby/Talk	Battery icons indicate the handset battery status. This icon changes depending on the battery status (empty, low, medium and full).
	Standby	The Ringer off icon indicates that ringer is turned off.
	Talk	The Mute icon appears when you mute the handset.
	Talk	The Speaker icon appears when the handset speaker phone is used.
	Talk	The Privacy icon appears when the Privacy Mode is turned on.

Animation Displays

The handsets have a variety of animation displays. Below are examples of the animation screens and what they mean:

Turning on the phone



Hanging up the phone



Confirmation (Done!)



Deleting (Deleted!)



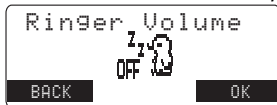
Making a call



Find Handset/Paging the Handset



Also, the animation display changes depending on the ringer volume setting.



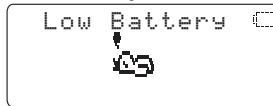
Out of Range



Unavailable



Low Battery



Soft Key Function

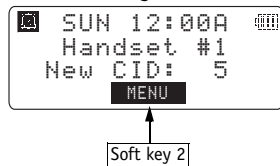
"Soft" keys are keys that change function during the operation of the phone. There are three soft keys on each handset. Soft Keys allow you to:

- Access the main menu
- Set up CIDCW options
- Store or edit phone numbers
- Access stored Caller ID messages
- Redial one of the last three numbers dialed from the handset
- Access Voice mail waiting

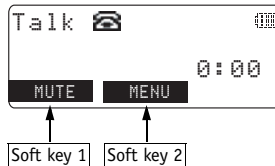
The function of each soft key is determined by the icon that appears directly above it. For example, when the handset is in standby mode, pressing soft key 2 will access the main menu. When the handset is in talk mode, pressing soft key 1 will mute the microphone.

Complete information on the features controlled by the soft keys can be found under each feature.

In standby mode



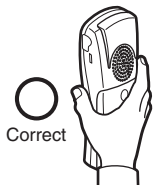
In talk mode





For maximum range:

- Keep the antenna free of obstruction.
- When the handset is not in use place the handset in an upright position.
- Do not hold the handset where you would block the signal.

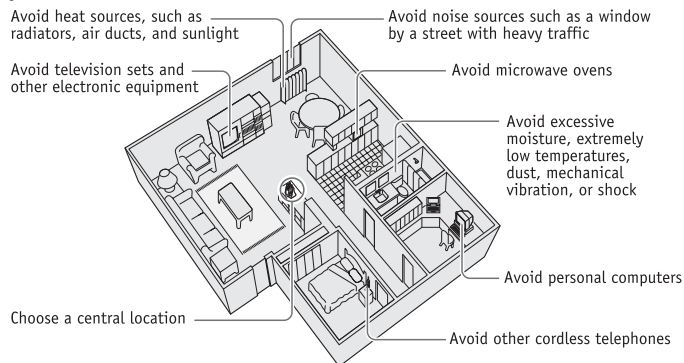


- Metal and reinforced concrete may affect cordless telephone performance.

Setting up the Phone

A. Choose the best location

When choosing a location for your new phone, here are some important guidelines you should consider:

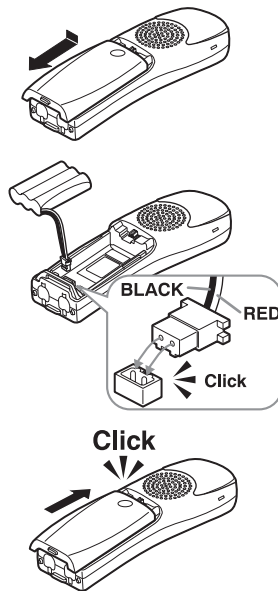


- The location should be close to both a phone jack and a continuous power outlet (one which is not connected to a switch).
- The base and handset should be kept away from sources of electrical noise such as motors, microwave ovens, and fluorescent lighting.
- For better reception, place the base as high as possible.
- The base should be placed in an open area for optimum range and reception.
- If your home has specially wired alarm equipment connected to phone line, be sure that installing the system does not disable your alarm equipment. If you have questions about what will disable alarm equipment, contact your telephone company or a qualified installer.

B. Install the rechargeable battery pack into the handset

The handset is powered by a rechargeable battery pack. The battery recharges automatically when the handset is placed in the base unit. To maximize the charge capacity of your battery pack, **DO NOT** plug the telephone cord into the base unit and wall jack until the battery is fully charged.

- 1) Press down on the handset battery case cover (use the finger indentation for a better grip) and slide the cover downward to remove.
- 2) Turn the battery pack so that the connector with the red and black wires is near the jack inside the battery compartment. Match the connector's wire colors to the polarity label in the battery compartment (the connector notches fit into the grooves of the jack only one way). Push the battery pack connector into the jack until it clicks into place.
- 3) Make sure you have a good connection by gently pulling on the battery wires. If the connection is secure, the battery jack will remain in place.
- 4) Place the battery case cover back on the handset and slide it upwards until it clicks into place.



note

- Use only the Uniden (BT-446) rechargeable battery pack supplied with your cordless telephone.
- The battery may be purchased by calling Uniden's Parts Department (see back cover page).



•Use only the supplied [AD-800] AC adapter. Do not use any other AC adapter.

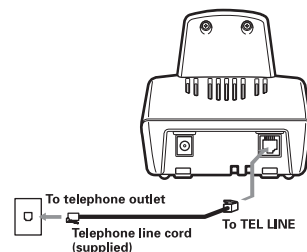
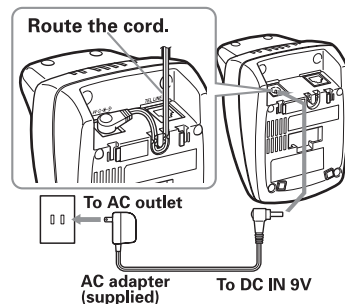
•Place the power cord so that it does not create a trip hazard or where it could become chafed and create a fire or electrical hazard.

C. Connect the base unit

- 1) Connect the AC adapter to the **DC IN 9V** jack and to a standard 120V AC wall outlet.
Connect the AC adapter to a continuous power supply (i.e., an outlet that is not controlled by a switch).
- 2) Set the base on a desk or tabletop, and place the handset in the base unit.
Place the base unit close to the AC outlet so that you can unplug the AC adapter easily.
- 3) Make sure that the **charge** 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.
- 4) After install the battery pack in the handset, charge your handset for at least 15-20 hours before plugging into the phone line.
- 5) Once the handset battery pack is fully charged, connect the telephone line cord to the **TEL LINE** jack and to a telephone outlet.



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



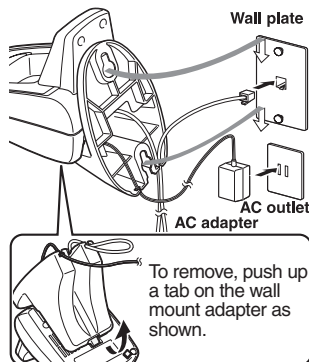
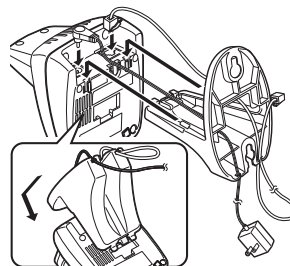
Modular

Mounting the Base Unit on a Wall

Standard wall plate mounting

This phone can be mounted on any standard wall plate.

- 1) Make the AC adapter and the telephone line cord through the hole on the wall mount adapter.
- 2) Plug the AC adapter into the **DC IN 9V** jack.
- 3) Plug the telephone line cord into the **TEL LINE** jack.
- 4) Slide the wall mount adapter into the notches on the base.
- 5) Plug the AC adapter into a standard 120V AC wall outlet. Hook the cord on the notch of the wall mount adapter.
- 6) Plug the telephone line cord into the telephone outlet. Hook the cord on the notch of the wall mount adapter.
- 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.

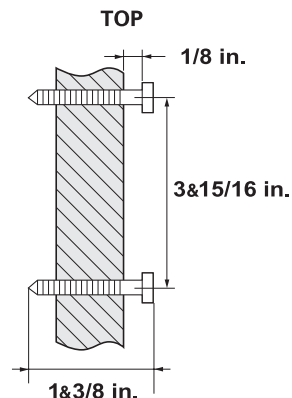


DO NOT use an AC outlet controlled by a wall switch.

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 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 12 to mount the telephone.



Expanding Your Phone

10 Handset Expandability

Your phone supports up to 10 handsets, including any handsets supplied with your phone. You can now place a fully-featured cordless handset anywhere AC power is available to connect the handset charger.

Up to 2 handsets can be used in DirectLink

Mode or on an intercom call without interfering with incoming calls. If possible to have a 3-way conference among 2 handsets and an outside line. All of handsets ring when a call is received.

10 Handsets



Backwards/Forwards Compatibility

Your phone is compatible with other Uniden 5.8GHz Digital Expandable Handsets. Compatible models include the TCX400, TCX440, and ELX500. (Please check www.uniden.com for an updated list of expansion handsets compatible with this series.)



note

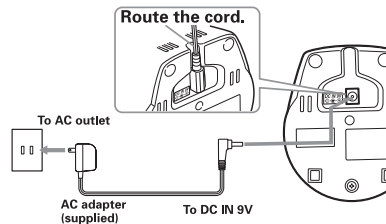
If you have any trouble with your phone, visit our web site at www.uniden.com or call our Customer Hotline at 1- 800- 297-1023 (Mon -Fri 7 am to 7pm, Sat/Sun 9 am to 5pm, CST). (The Customer Service Hotline is closed on holidays.)



Charge the handset battery pack for at least 15-20 hours before using your new cordless telephone for the first time.

Connecting the Charger

- 1) Connect the AC adapter to the **DC IN 9V** jack and to a standard 120V AC wall outlet.
- 2) Set the charger on a desk or tabletop, and place the handset in the charger with the keypad facing forward. (See "B. Install the rechargeable battery pack into the handset" on page 10.)



Register the Handset

If you purchase an expansion handset, you need to register the handset before use. Only one handset can be registered at a time.

Handsets supplied with the phone are registered to the base by the factory. When charged, pre-registered handsets display a handset ID number. Handsets that have not been registered display Models vary! Charge handset on the base for registration or refer to Owner's Manual. When you register an extra handset to the base, the handset ID will be assigned.

Register the expansion handset to main base

Before an expansion handset is registered, the battery pack **MUST** be charged for 15 hours.

To register TCX805, simply place it in the main base.

While the handset is registering, Handset Registering will appear in the LCD. When Registration complete. is displayed, the handset has been registered to the base. If Registration failed. appears, please try these steps again.

To register a ELX500, TCX440, or TCX400 handset, follow the steps below:

- 1) Disconnect the AC adapter from the main base.
- 2) While pressing down **find handset**, reconnect the AC adapter.
- 3) On the handset, press and hold # until you hear a beep.

While the handset is registering, Handset Registering will appear in the LCD. When Registration complete. is displayed, the handset has been registered to the base. If Registration failed. appears, please try these steps again.



- An extra handset can be registered when the main base is in standby mode.
- If a handset has ever been registered to a different base, you must de-register the handset before you can register it to the new base (see page 30).



- For Global Setup and Deregister HS menu options, make sure the line is not in use and the handsets are within range of the base.
- Main menu flow chart is provided on page 68.

Main Menu Options

Your phone has five main menu options: **DirectLink Mode, Room Monitor, Handset Setup, Global Setup** and **Deregister HS**.

Handset Setup Default Settings

The default settings set from the factory match the features that most people use. You may not need to change them. However, there are a number of options you must set and entries you must make in memory to take full advantage of all the phone features. The table below lists the default settings.

Function	Default Settings	Function	Default Settings
Edit Voice Mail	None	Day & Time	SUN 12:00 AM
Ringer Volume	High	CW / CWDX	CW on/CWDX off
Ringer Tone	Flicker	Area Code	None
Distinctive Ring	On	Dial Mode	Tone
Auto Talk	Off	Voice Mail Tone	On
Anykey Answer	Off		
Banner	" "		
Language	English		
LCD Contrast	level 5		
Key touch tone	On		
Animation Screen	On		
Room Monitor (allow monitoring)	On		

Setting Menu Options

Using the interface

Below are some tips for using the software interface on your phone.

- Press the **MENU** soft key to access the main menu.
- Use **cid/vol/^** and **redial/p/vol/v** to scroll through options.
- Press the **OK** soft key to make a selection.
- Press the **BACK** soft key to return to the previous screen.
- Press **end** to exit the menu.

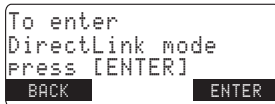


DirectLink Mode

In DirectLink mode, a pair of handsets can function as two-way radios. DirectLink Mode allows two handsets to communicate with each other without the base unit or a telephone line. Use them at sporting events or while shopping to stay in contact with family members or friends. You must set both handsets to DirectLink Mode to activate this feature.

Using DirectLink Mode

- 1) Press the **MENU** soft key and select the DirectLink Mode menu. To enter DirectLink mode Press [ENTER] appears.
- 2) Press the **ENTER** soft key to enter DirectLink mode. You will hear a confirmation tone, and DirectLink Mode Complete appears.
- 3) To return to normal mode, press the **CANCEL** soft key and then the **OK** soft key, or return the handset to the cradle.



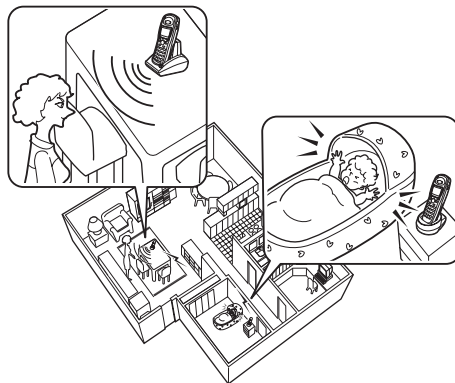
You must have at least two handsets to use Direct Link Mode.



- This feature only works when the handset(s) is within the range of the base.
- You must have at least two handsets to use Room/Baby Monitor.

Room/Baby Monitor

This feature allows you to monitor sounds in another room. Place a handset in the room you wish to monitor; it will function as a microphone. A second handset can be set to function as a remote speaker, allowing you to monitor sounds in the room.



Using Room/Baby Monitor

- 1) Press the **MENU** soft key and select the Room Monitor menu.
- 2) Select the handset you want to monitor by using **cid/vol/^** or **redial/p/vol/v**.
- 3) Press the **OK** soft key.
Monitoring appears, and you hear sounds in the room where the handset is installed.
- 4) To turn off the Room Monitor, press the **END** soft key, or **end**.



If you want to prevent other handsets from monitoring this one, press the **MENU** soft key. Select the Handset Setup menu, and then the Room Monitor submenu. Select **Off** and press the **OK** soft key.

Handset Setup

The following submenu options must be set separately for each handset.

Programming your Voice Mail Access Number

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Edit Voice Mail submenu.
Edit V_mail No. appears.
- 2) Enter your personal access number using the number keypad (**0-9**), ***/tone/<**, ***/>**, the **DELETE** soft key, or **redial/p/vol/√** (up to 20 digits).
- 3) Press the **OK** soft key. You will hear the confirmation tone.

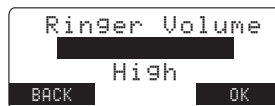


To delete the current Voice Mail Access Number, delete all numbers in step2 using the **DELETE** soft key and the **OK** soft key.

Selecting a Ringer Volume

Ringer volume lets you choose from one of three ringer volumes.

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Ringer Volume submenu.
- 2) Press **cid/vol/^** or **redial/p/vol/√** to select HIGH, LOW, or OFF.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Selecting a Ringer Tone

Ringer Tone lets you choose from 10 ringer tones or 10 melodies:

- Ringers (Flicker, Clatter, Soft Alert, Wake Up, Light Bug, Beep Boop, Tone Board, Chip Chop, Party Clap, Reminder)
- Melodies (Beethoven's Symphony #9 [Beethoven9], For Elise [Elise], We Wish You A Merry Christmas [Merry- Xmas], Home Sweet Home [Hm Swt Hm], Lorri Song #6 [Lorri Song], When Irish Eyes Are Smiling [Irish Eyes], Aura Lee, Let Me Call You Sweet Heart [Sweetheart], Star Spangled Banner [Star Spngl], Old MacDonald [Old MacDld])

You must set the separate ringer tone on each handset.

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Ringer Tones submenu.
- 2) Press ***cid*/vol/^** or ***redial*/p/vol/v** to move the pointer. You will hear the ringer or melody as you scroll through the options.
- 3) When you reach the ringer tone you want, press the **OK** soft key. You will hear a confirmation tone.



Distinctive Ringer Setup

Distinctive Ringer allows you to assign a designated ring tone to a stored phonebook number (100 stored locations available). When a call is received and the Caller ID information matches the information in one of the phonebook memory locations, the phone uses the distinctive ring assigned to that particular Caller. You can assign distinctive rings to multiple phonebook memory locations. Switching the setting to Distinctive Off disables distinctive ringing: all incoming calls will have a normal ring tone. Switching to Distinctive On activates all programmed distinctive ring memory locations.

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Distinctive Ring submenu.
- 2) Press **cid/vol/^** or **redial/p/vol/v** to select On or Off.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Setting the AutoTalk

Autotalk allows you to answer the phone simply by removing the handset from the cradle. You do not have to press any buttons to answer the call.

- 1) Press the **MENU** soft key. Select the Handset Setup menu and then the AutoTalk submenu.
- 2) Press ***cid/vol/***^ or ***redial/p/vol/***√ to select On or Off.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Setting the Anykey Answer

Any Key Answer allows you to answer the phone by pressing any number key, ****/tone/***<, or ***#/***> on the handset.

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Anykey Answer submenu.
- 2) Press ***cid/vol/***^ or ***redial/p/vol/***√ to select On or Off.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Setting the True Banner

True Banner lets you customize the name your handset displays. The name will be displayed on the LCD screen during Standby Mode, Intercom, Intercom Hold, Room Monitor and Copy Phonebook operation. The banner name will be displayed on the receiving handset as well.

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Banner submenu.
- 2) Use the number keypad (**0-9**), ***/tone/**, **#/**, or the **DELETE** soft key to enter or edit the name.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Selecting a Language

Language selects which language the menu display will use. Choose from English, French, or Spanish.

- 1) Press the **MENU** soft key. Select the Handset Setup menu, and then the Language submenu.
- 2) Press **cid/vol/** or **redial/p/vol/** to choose English, Français (French), or Español (Spanish).
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Adjusting the LCD Contrast

Contrast adjusts the handset LCD brightness. Choose one of the 10 levels for optimum viewing.

- 1) Press the **MENU** soft key. Select the Handset Setup menu and then the LCD Contrast submenu.
- 2) Press ***cid/vol/***^ or ***redial/p/vol/***√ to adjust the contrast of the LCD (10 levels.)
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Setting the Key Touch Tone

Key Touch Tone is the tone your keypad makes when keys are pressed. You can turn this tone on or off.

- 1) Press the **MENU** soft key. Select the Handset Setup menu and then the Key Touch Tone submenu.
- 2) Press ***cid/vol/***^ or ***redial/p/vol/***√ to select On or Off.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Setting the Animation Screen

The Animation screen displays animation on the handset LCD. The animations will be displayed on the LCD screen during a call, ringer volume setting, when you hang up, and so on.

- 1) Press the **MENU** soft key. Select the Handset Setup menu and then the Animation Screen submenu.
- 2) Press **cid/vol/^** or **redial/p/vol/v** to select On or Off.
- 3) Press the **OK** soft key. You will hear a confirmation tone.

See "Animation Displays" on page 7 for all the available screens.





For setting the Day and Time, the idle time-out is extended to 2 minutes.

Global Setup

If you change one of the global settings, you change that setting for all registered handsets. Only one handset can change global settings at a time.

Setting Day and Time

Day & Time sets the day and time of your display.

- 1) Press the **MENU** soft key. Select the Global Setup menu, and then the Day & Time submenu option.
- 2) Press **cid/vol/^** or **redial/p/vol/v** to select the day of the week, and then the → soft key.
- 3) Press **cid/vol/^** or **redial/p/vol/v** to set hour, and then press the → soft key.
- 4) Press **cid/vol/^** or **redial/p/vol/v** to set minute, and then press the → soft key.
- 5) Press **cid/vol/^** or **redial/p/vol/v** to choose AM or PM, and then press the **SAVE** soft key. You will hear a confirmation tone.



Setting CIDCW (Caller ID on Call Waiting)

Caller ID on Call Waiting (CIDCW) displays the name and number of an incoming call while you are on the line. Call Waiting Deluxe (CWDX) allows you to handle call waiting calls in seven different ways.

- 1) Press the **MENU** soft key. Select the Global Setup menu, and then the CIDCW submenu.
- 2) Press ***cid/vol/^*** or ***redial/p/vol/v*** to select CW On/CWDX On, CWDX On, CW On/CWDX Off, or CW Off/CWDX Off, and then press the **OK** soft key. You will hear a confirmation tone.



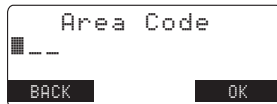
Setting the Area Code

If you enter a 3-digit area code number in the "Area Code" option, your local area code does not appear in the Caller ID message. For calls received from outside your local area code, you will see a full 10-digit number.



If your calling area requires 10-digit dialing, do not program this option.

- 1) Press the **MENU** soft key. Select the Global Setup menu, and then the Area Code submenu.
- 2) Press the number keypad (**0-9**) to enter a 3-digit area code.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



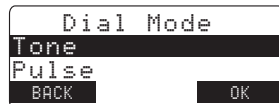
If the area code has already been stored in memory, the stored area code will be displayed. To change it, use the **DELETE** soft key and number keys to enter the new area code.

Setting the Dial Mode

Sets the dial mode to tone or pulse. Most phone systems use tone dialing; the default setting is tone dialing. Set the dialing mode to match the dialing system used by your local phone service.

- If you are not sure of your dialing system, set the unit to tone dialing. Make a trial call. If the call connects, leave the setting as is; otherwise set the unit to pulse dialing.
- If your phone system requires pulse dialing and you need to send DTMF tones in certain situations during a call, you can switch over to tone dialing (refer to "Tone Dialing Switch-over" on page 36).

- 1) Press the **MENU** soft key. Select the Global Setup menu, and then the Dial Mode submenu.
- 2) Press ***cid/vol/^*** or ***redial/p/vol/v*** to select Tone or Pulse (the initial setting is Tone).
- 3) Press the **OK** soft key. You will hear a confirmation tone.



Setting Voice Mail Tone

Voice Mail Tone sets the voice mail tone. If your service does not support SDT message signal, set your VMWI (Visual Message Waiting Inculcator) not to detect SDT message signal.

- 1) Press the **MENU** soft key. Select the Global Setup menu, and then the Voice Mail Tone Submenu.
- 2) Press ***cid/vol/^*** or ***redial/p/vol/v*** to set the voice message indication (SDT message signal) to On or Off.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



De-register the Handset

Deregister HS clears the handset's ID from the main base unit or the base ID from the handset. You will usually only deregister the handset if you are going to use it with different base, if you are having a problem with your phone or if you need to change the digital security code (see page 56).

- 1) In standby mode, select Deregister HS in the menu and press the **OK** soft key. Deregister HS? appears.
- 2) Press *cid/vol/*^ or *redial/p/vol/*√ to select Yes and then the **OK** soft key.



When de-registration is complete you will hear a confirmation tone, and Deregistration Complete appears.


- 3) After de-registering the handset, place the handset to the base to register. You must re-register the handset before you can use it.



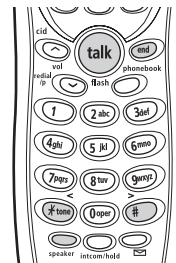
For best performance talk alternately with the caller in a quiet room. You can decrease the speaker volume if you or the other party has difficulty hearing.

Making and Receiving Calls

With the handset's duplex speakerphone, you can have hands-free conversations.

The  icon appears on the display screen during hands-free conversations.

You can easily switch a call from normal conversation to hands-free conversation. To switch a call, press ***speaker*** during the call.



From the handset

	From the Handset	
	Normal conversation	Hands-free conversation
To answer a call	Handset On the Cradle Pick up the handset (AutoTalk is: on) or pick up the handset and press talk/flash (AutoTalk is: off). Handset Off the Cradle Press any number key, */tone/< , or #/> (Any Key Answer), or press talk/flash .	Handset Off the Cradle Press speaker .
To make a call	Handset Off the Cradle 1) Press talk/flash . 2) Listen for the dial tone. 3) Dial the number. OR Dial the number, and then press talk/flash .	Handset Off the Cradle 1) Press speaker . 2) Listen for the dial tone. 3) Dial the number. OR Dial the number, and then press speaker .
To hang up	Press end or return the handset to the cradle (AutoStandby).	
To enter a pause within the dialing sequence	When you dial the number in standby mode, press redial/p/vol/v . P appears in the display, which represents a pause.	



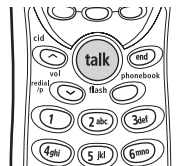
- To set "AutoTalk", see page 23 or to set "Anykey Answer" see page 23.
- The handset microphone is located at the bottom of the handset (see "Controls and Functions" on page 4). Position yourself as near to the handset as possible and speak clearly.
- If the line is in use by another handset(s), "In Use" appears in the display of all registered handsets that are not in use.



- You must subscribe through your local telephone company to receive Call Waiting or Caller ID on call waiting service.
- While a call is on hold, CIDCW can not be received.

Call Waiting

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



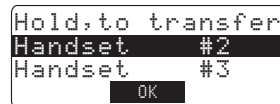
Placing a Call on Hold

You can place a call on hold for 5 minutes. When 5 minutes has passed, the call is disconnected, and the phone returns to standby mode.

- 1) During a call, press **intcom/hold**. The call will be put on hold.



If you leave a call on hold for more than 10 seconds, the display screen will read, Hold.



- 2) To talk to the caller, press **talk/flash** or **speaker** on a handset. The phone will return back to the call.

Redialing a Call

The last three phone numbers dialed can be quickly redialed from the handset. Redial numbers stored in the handset are independent from each other.

- 1) With the phone in standby mode, press **redial/p/vol/√**.
- 2) Press **cid/vol/∧** or **redial/p/vol/√** to scroll through the last three dialed numbers.
- 3) Press **talk/flash** or **speaker** on the handset. The selected number is dialed.
- 4) To hang up, press **end**.

You can also display the redial list for redial number with the handset in talk mode. Press the **MENU** soft key, then select the redial menu. Press **cid/vol/∧** or **redial/p/vol/√** to select the number you want to dial. Press the **DIAL** soft key to redial the number.

Deleting a Redial Record

- 1) With the phone in standby mode, press **redial/p/vol/√**.
- 2) Press **cid/vol/∧** or **redial/p/vol/√** repeatedly to display the number to be deleted.
- 3) Press the **EDIT** soft key.
- 4) Press **cid/vol/∧** or **redial/p/vol/√** to choose Delete? and then press the **OK** soft key.
- 5) Press **cid/vol/∧** or **redial/p/vol/√** to choose Yes.
- 6) Press the **OK** soft key. The redialed number is deleted.



note

- If the number exceeds 32 digits, only the first 32 digits are retained in redial memory.
- If the redial memory is empty, you will hear a beep.

Storing a Redial Record

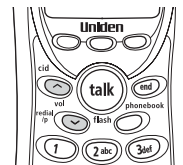
- 1) With the phone in standby mode, press **redial/p/vol/√**.
- 2) Press **cid/vol/∧** or **redial/p/vol/√** repeatedly to display the number to be stored.
- 3) Press the **EDIT** soft key, then select **Store into PB?**, and then **OK** soft key.
- 4) To complete the setting, follow the steps 3-8 in "Phonebook (Storing Phone Numbers, Names, Distinctive Rings, and Speed dial)" on page 39-40.

Adjusting the Earpiece and Speaker Volume

You can select from among six volume levels on the handset. Pressing the volume up key or volume down key during a call will change the earpiece or speaker volume. This setting will remain in effect after the telephone call has ended.

If you press the volume up key when the earpiece is at the maximum volume level, an error tone sounds.

The error tone also sounds if you press the volume down key at the lowest volume.




Temporarily Muting the Ringer

You can mute the ringer individually on a handset. When the phone is ringing, press **end** or the **MUTE** soft key on the handset you want to mute. This mute will last for the current incoming call only. The ringer tone will return to the previous setting on the next incoming call.

While charging a handset, you can not mute the ringer tone for the handset.

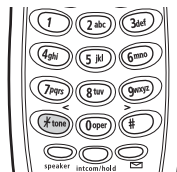
Mute Microphone

You can temporarily mute the microphone so that the caller cannot hear you. Press the **MUTE** soft key during talk mode (while the phone is in use) to mute the microphone. *Mute On* and  appear in the display. To cancel muting, press the **MUTE** soft key again. *Mute Off* appears.



Tone Dialing Switch-over

If your telephone company requires pulse dialing, you can switch-over to tone dialing after the call connects. This feature is useful when you need tone dialing to use any automated menu systems, such as telephone bank tellers, telephone prescription refills, customer support menus, etc.



If your phone is set to pulse dialing mode, make your call normally. Once your call connects, press the ***/tone/<** key. Any digits you enter from then on will be sent as tone digits. When this particular call ends, the phone automatically returns to pulse dialing mode.

note

- The tone feature only applies when the dial mode is set to pulse.
- This special number can be stored in a memory location. This is referred to as Chain Dialing (see page 40).



If someone is using another handset in Privacy Mode, System Busy Please try later appears in the display when you try to join the call.


Traveling Out of Range

During a call, as you begin to move your handset too far from your base unit, noise may increase. If you pass the range limits of the base unit, you will hear a beep and see Out of Range on the display, and then the handset returns to standby mode.

Privacy Mode

Privacy Mode prevents interruption from other registered handsets. **This works only when the phone is in use.**

- 1) Press the **MENU** soft key on the handsets during talk mode.
- 2) Press **cid/vol/^** or **redial/p/vol/v** to select Privacy Mode, and then the **OK** soft key.

Privacy Mode On and  appear in the display. To exit the Privacy Mode, simply repeat the same steps. Privacy Mode Off appears.





Using One Touch Voice Mail Access

If you subscribe to voice mail service, you can use your phone to access your voice mailbox. The new message LED flashes whenever you have messages waiting in your voice mailbox.

Just program the handset with your access number, and you can get your messages at the touch of a button on the handset. (The voice mail service provider will supply you with the access number. This number may be simply a phone number. Refer to the provider's literature.)

To program or delete your Voice Mail Access Number, See page 20.

Dialing your Voice Mail Service

Once you've programmed your personal access number, you can dial your mailbox with the touch of a button. When you have messages, simply press . If you have not entered the access number or it has been deleted, when you press . No Number Stored Store number in Menu Setup appears and you will hear a beep. The phone returns to standby mode.

Resetting the New Message LED

The LED flashes when you have new messages in the voice mail service. If the LED remains on after you've retrieved your messages, you may need to reset the indicators. With the phone is in standby mode, press and hold ***find handset*** on the base unit the paging sound stops (about 5 seconds).



note

You must subscribe to voice mail service from your telephone company in order to use this feature. The voice mail service company will provide you with the access number.



When the memory is full, you will hear a beep and **Memory Full** appears.

Phonebook (Storing Phone Numbers, Names, Distinctive Rings and Speed Dial)

You can store names and numbers in your phone's phonebook, search for names alphabetically, and dial phonebook entries with just a few key presses. You can store up to 100 numbers in each registered handset.

The phone uses the same memory to store phonebook entries and Caller ID messages. If the shared memory is already full, the phone will not store any more phonebook entries. You will have to delete some of the Caller ID messages before you can store a new phonebook entry.

- 1) When the phone is in standby mode, press **phonebook**.

The following items appear:

(2nd line) The number of the phonebook locations used

(3rd line) How to search (press the number keypad, **cid**/**vol**/**^** or **redial**/**p**/**vol**/**v**)

(4th line) The **COPY**, **STORE**, **DELETE** soft keys.



- 2) Press the **STORE** soft key, **Store/Edit Name** appears.

- 3) Enter the name (up to 16 characters) by using the number keypad (see the "Steps for Entering Names and Special Characters" on page 41).

If a name is not required, go to step 4. <No Name> will be used as the name.

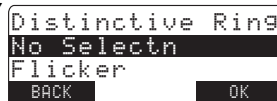


- 4) Press the **OK** soft key to store the name;
Store/Edit No. appears.
- 5) Use the number keypad, ***/tone/<**, or **#/>** to enter the phone number (up to 20 digits).



If you make an error, use the **DELETE** soft key to erase the incorrect digits. When you are finished, press the **OK** soft key to store the number.

- 6) Distinctive Ring appears. Press **cid/vol/^** or **redial/p/vol/v** to move the pointer to one of the Distinctive Ring options and then press the **OK** soft key.



- 7) Speed Dial appears. Press **cid/vol/^** or **redial/p/vol/v** to move the pointer to select the Speed dial location (10 locations: SPD1-SPD0).



- 8) Press the **OK** soft key. You will hear a confirmation tone, and Done! appears in the display.



- The pause key counts as one digit. Pressing **redial/p/vol/v** more than once increases the length of the pause between numbers. Each pause represents a 2 seconds delay.
- If you choose not to store a Distinctive Ring, simply select the "No Selectn" option.
- If you choose not to store the name/number as a Speed Dial, simply choose the "No Selectn" option.

Chain Dialing

The phonebook entries in 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. Store the account number in one of the phonebook locations (refer to "Phonebook (Storing Phone Numbers, Names, Distinctive Rings and Speed Dial)" on page 39). When you call your bank and are prompted to enter the account number, scroll through your phonebook locations until you find your account number, and then press the **DIAL** soft key.

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 number key (**0-9**), the displayed character appears in the following order: Upper case letters first, lower case letters next and finally the number corresponding to the key.

	Number of times key is pressed								
keys	1	2	3	4	5	6	7	8	9
1	1								
2 abc	A	B	C	a	b	c	2		
3 def	D	E	F	d	e	f	3		
4 ghi	G	H	I	g	h	i	4		
5 jkl	J	K	L	j	k	l	5		
6 mno	M	N	O	m	n	o	6		
7 pqrs	P	Q	R	S	P	q	r	s	7
8 tuv	T	U	V	t	u	v	8		
9 wxyz	W	X	Y	Z	w	x	y	z	9
0 oper	&	<	>	<	>	/	(blank)	--	--
	.	,	:	?	!	@	'	"	*
	#	0							

If you make a mistake while entering a name

Use ***/tone/**< or **#/**> to move the cursor to the incorrect character.

Press the **DELETE** soft key to erase the wrong character, and then enter the correct character. To delete all characters press and hold the **DELETE** soft key.

For example, to enter **Movies**:

- 1) When the phone is in standby mode, press *phonebook* and the **STORE** soft key.
Store/Edit Name appears.
- 2) Press **6** once, and then press **#/>** to move the cursor to the right.
- 3) Press **6** six times.
- 4) Press **8** six times.
- 5) Press **4** six times.
- 6) Press **3** five times.
- 7) Press **7** eight times.
- 8) When finished, press the **OK** soft key.

To continue to store the telephone number, proceed to step 5 in "Phonebook (Storing Phone Numbers, Names, Distinctive Rings, and Speed dial)" on page 40.



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.

Viewing the Phonebook

Your phone stores names/numbers in the phonebook memory entries, and you can search names in alphabetical order. You can view the phonebook even while the phone is in use.

- 1) Press **phonebook**.

If you recall the phonebook during a call, only the **BACK** soft key will appear.



- 2) Press **cid/vol/** or **redial/p/vol/**, or the number keypad to scroll through the phonebook entries. Phonebook entries appear in alphabetical order (from first to last when you press **redial/p/vol/**, from last to first when you press **cid/vol/**).

You can also use the letters on the number keys to select the first letter of the desired name. Press a number key (**2-9** and **0**) once for the first letter, twice for the second letter, and so on. The first entry that begins with the letter you entered appears.

For example, to search for Movies, press **6** once. Press **cid/vol/** or **redial/p/vol/**, until the phonebook entry is displayed.

- 3) To finish the viewing operation, press **end** (or the **BACK** soft key or **talk/flash** during a call).



During a call, don't press **end** on the handset or the call will be disconnected.

Making Calls Using the Phonebook

From Standby Mode

- 1) When the phone is in standby mode, select the phonebook entry you want to dial (see "Viewing the Phonebook" on page 43).
- 2) Press **talk/flash** or **speaker** on the handset. The displayed number is dialed.
- 3) To hang up, press **end** (or return the handset to the base).



Movies
800-730-3456
Beethoven9/SPD1
EDIT

From Talk Mode

- 1) Press **talk/flash** or **speaker**.
- 2) Select the phonebook entry you want to dial (see "Viewing the Phonebook" on page 43).
- 3) Press the **DIAL** soft key. The number in the displayed phonebook location is dialed.
- 4) To hang up, press **end** (or return the handset to the base).

Speed Dialing

If you store a phone number in a speed dial memory location (10 locations: SPD1 - SPD0), you can use the speed dialing feature. When the phone is in standby mode, press and hold a number key (**0-9**) associated with the speed dial until the phone number appears, and then press **talk/flash** or **speaker**. The number stored in the speed dial (SPD1 - SPD0) is dialed.

Editing or Erasing a Phonebook Entry

- 1) When the phone is in standby mode, press **phonebook**.
- 2) Press **cid/vol/∧** or **redial/p/vol/∨**, or the number keypad to select the phonebook entries (see "Viewing the Phonebook" on page 43).



a. Editing the Stored Data

- 1) When the phonebook entry to be edited appears, press the **EDIT** soft key, and then select Edit?. Store/Edit Name appears.
- 2) Follow the steps 3 to 7 under "Phonebook (Storing Phone Numbers, Names, Distinctive Rings, and Speed Dial)" on page 39-40 to complete the editing operation.
- 3) Press the **OK** soft key. You will hear a confirmation tone.



b. Deleting the Stored Data

- 1) When the phonebook entry to be deleted appears, press the **EDIT** soft key, and then select Delete?. Delete Memory? appears.
- 2) Press **cid/vol/∧** or **redial/p/vol/∨** to move the pointer to Yes.
- 3) Press the **OK** soft key. You hear a confirmation tone. Deleted! appears in the display.



Copying Phonebook Entries

Copy Phonebook allows you to transfer stored phonebook entries from handset to handset so you don't have to manually re-enter names and numbers. You can transfer one memory (phonebook entry) at a time, or all memory entries at once.

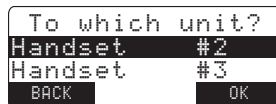
- 1) When the phone is in standby mode, press **phonebook**.
- 2) Press the **COPY** soft key.
- 3) Press **cid/vol/^** or **redial/p/vol/v**, to select the handset you want transfer the phonebook entries to and then press the **OK** soft key.
- 4) Press **cid/vol/^** or **redial/p/vol/v** to select One Memory or All Memories; and then press the **OK** soft key.

If you select All Memories, Are you sure? appears on the display screen.

Press **cid/vol/^** or **redial/p/vol/v** to select Yes, and then press the **OK** soft key.

If you select One Memory, press **cid/vol/^** or **redial/p/vol/v**, or the number key (**2-9** and **0**) to select the phonebook entry you want to export and then press the **COPY** soft key.

- 5) The phonebook entries will be transferred to the handset. Copying and the receiving handset name appear. When the transfer is completed Done! appears on the handset.



note

If the memory entry on the receiving handset is full, and can not store the phonebook entries, you will hear a beep.



- If you answer a call before the Caller ID message is received (for example, 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 does not appear. (This includes some international calls.)
- When the call is via a private branch exchange (PBX), the caller's phone number and name may not appear.

Caller ID and CIDCW (Caller ID on Call Waiting)

You must subscribe to Caller ID services through your local telephone provider to use these features.

When the telephone rings, the Caller ID feature allows you to view the caller's name, phone number, date and time of call. With CIDCW (Caller ID on Call Waiting), you will hear a call waiting tone while you are on a call, and the Caller ID data is displayed. To accept the waiting call, press **talk/flash** on the handset. Additionally, you can dial a number stored in the Caller ID list or save data to your Phonebook locations.

Important:

Memory locations for Caller ID messages and Phonebook entries (including Speed Dials) are common; you can store up to 100 entries for each handset. Caller ID messages are not stored when you have 100 phonebook entries. When you have stored a total of 100 phonebook entries and Caller ID messages, the oldest Caller ID message is overwritten.

The date and time received	12/21 12:30P *
Caller's name	Jane Smith
Caller's phone number	214-555-1234
	EDIT

- 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 name will appear in the display (up to 15 characters).

You may receive any one of the following messages:

When invalid data is received; Incomplete Data

When a private name is received; Private Name

When a private number is received; Private Number

When a unknown name is received; Unknown Name

When a unknown number is received; Unknown Number

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

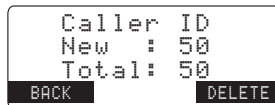


Data errors appear as "■."

Viewing the Caller ID List

You can view the Caller ID list through the handset during a call or when the phone is in standby mode.

- 1) With the phone in standby mode, press **cid/vol/∧**.
Or with the phone in talk mode, press the **MENU** soft key. Use **cid/vol/∧** and **redial/p/vol/∨** to select Caller ID, then press the **OK** soft key.
The summary screen appears. The screen shows the number of new messages and total messages.



- 2) To view the Caller ID messages in historical order (from new to old or from old to new), repeatedly press **redial/p/vol/∨** to scroll through the messages from the latest to the earliest, or **cid/vol/∧** to scroll back through the messages.



- The number of calls from the same Caller ID appears next to the received time. Once you view the new message, the number will be cleared and disappear.
- * icon appears next to the time to indicate this is a unread message. Once you view the new message, the * icon will disappear.



- During a call, don't press **end** on the handset or the call will be disconnected.
- Once the Caller ID data has been deleted, the information cannot be retrieved.



To view the Caller ID messages with alphabetical search, press the number key pad (**2-9** and **0**) with the letter associated with the first letter of the desired message.

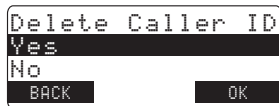
Once you view the Caller ID list with alphabetical search, you cannot switch back to historical order (from new to old or from old to new) unless you exit and re-enter the operation.

- 3) To finish the viewing operation, press **end** (or the **BACK** soft key or **talk/flash** during a call).

Deleting a Caller ID Message

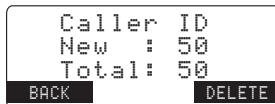
Deleting Information from the Caller ID List

- 1) When the phone is in standby mode, view the Caller ID information to be deleted (see "Viewing the Caller ID List" on page 48).
- 2) Press the **EDIT** soft key, then select Delete?. Delete Caller ID appears.
- 3) Press **cid/vol/^** or **redial/p/vol/v** to choose Yes.
- 4) Press the **OK** soft key. You will hear a confirmation tone.

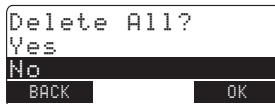


Deleting all Caller ID names/numbers

- 1) When the phone is in standby mode, press **cid/vol/∧**. Press the **DELETE** soft key. Delete All? appears.



- 2) Press **cid/vol/∧** or **redial/p/vol/∨** to choose Yes.



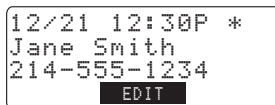
- 3) Press the **OK** soft key. You will hear a confirmation tone.

Using the Caller ID Message List

Calling a party from the Caller ID list

Standby mode

- 1) When the phone is in standby mode, select the Caller ID message (see "Viewing the Caller ID List" on page 48).
- 2) To have the phone dial a "1" before the displayed Caller ID number, press ***/tone/<**. To have the phone dial the stored area code before the displayed Caller ID number, press **#/>**.
- 3) Press **talk/flash** or **speaker**. The displayed phone number dials automatically.





- When a long distance call has been set, "1" appears in the display.
- If the Caller ID message was received as a private/unknown number, or the message does not have the number, you cannot store the message in the phonebook. If it was received as private/unknown name, the message will be stored as <No Name>.
- If all 100 memory entries are full, the Caller ID message will be erased from Caller ID list when you store it in the phonebook.

Talk mode

- 1) When the phone is in talk mode, select the Caller ID message you want to dial (see "Viewing the Caller ID List" on page 48).
- 2) Press the **DIAL** soft key, and the number will be dialed.

Storing Caller ID messages in the Phonebook

Messages shown in the Caller ID list can be stored in the phonebook. The phone number and name of the party on the Caller ID list can be stored in memory.

- 1) When the phone is in standby mode, select the Caller ID message to be stored.
Press the **EDIT** soft key and use ***volume up/down*** to select *store into PB?*, and then press the **OK** soft key. *Store/Edit Name* appears. If the Caller ID message is already stored in memory, you will hear a beep and *This data is already stored!!* appears. The number will not be stored.
- 2) To complete the setting, follow the steps 3-8 in "Phonebook (Storing Phone Numbers, Names, Distinctive Rings, and Speed dial)" on page 39-40.

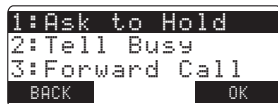
Call Waiting Deluxe Features

Your phone gives you new options for call waiting. At the touch of a button, you can place the caller on hold, send them to your voice mail service, or conference them into your current call. You must subscribe to Call Waiting and Call Waiting Deluxe to use these features. Not all features are available in all areas. Check with your local telephone company for details.

- 1) When you receive a Call Waiting call, press the **MENU** soft key, and select **CallWaitDeluxe** for a list of options.
Press the **OK** soft key.
- 2) Press **cid/vol/^** or **redial/p/vol/v** or the number keypad (1-7) to select an option.

For example:

press **redial/p/vol/v** 4 times



press **redial/p/vol/v** 2 times



- 3) Press the **OK** soft key. A confirmation screen will appear, and the phone returns to the call.

Your phone is pre-programmed with seven call waiting options. You can select to ask the calling party to hold, send them a busy message, forward them to your voice mail, or answer and drop the first caller. You can also select to conference them into the current call or, at any time, choose to drop the first or drop the last caller. Check with your local telephone company for a full list of options.

note

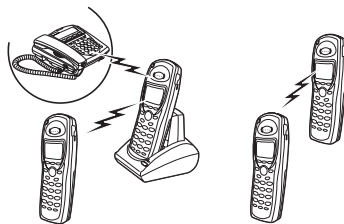
- To activate features, select **CW On/CWDX On** in the **CIDCW** option. See page 28.
- You can also answer a waiting call immediately by pressing **talk/flash**, the first caller will be placed on hold. To return to the original caller, press **talk/flash** again.
- If you don't press a key within 30 seconds while in the operation, the phone returns to the call.
- To return to the call, press the **BACK** soft key.



Handsets can be in Direct Link mode while other handsets are in use.

Multi-Handset Features

The features in this section require a minimum of two handsets to operate. To add additional handsets to your system, see "Expanding Your Phone" on page 14.

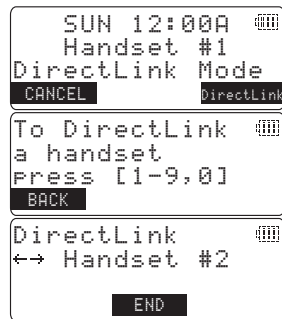


Using DirectLink Mode

To use this feature, you must enter the handsets into DirectLink mode first. To enter DirectLink mode, see page 18.

DirectLink call

- 1) When the phone is in the DirectLink standby mode, press the **DirectLink** soft key (example of DirectLink from handset #1).
- 2) Select the handset to which you wish to DirectLink with by pressing the number keys (0-9). Your handset will then page the other handset.
- 3) On the receiving handset, press **talk/flash**, the **ANSWER** soft key, or if Any Key Answer is on, press any number key, ***/tone/<**, or **#/>**.
- 4) When you finish your conversation, press **end** or the **END** soft key on either handset. Return the handset to the cradle, or press the **CANCEL** soft key and then the **OK** soft key to return to normal standby mode (cancelling DirectLink mode).



3-Way Conferencing

The phone permits 3-way conversations between 2 handsets and an outside line.

- 1) Initiate the call normally. Once the call is in progress, other people can join the call.
- 2) To join a conference call, press **talk/flash** or **speaker** to use the handset speakerphone.
- 3) To leave a conference call, simply hang up as you normally would. All other parties will remain connected.
- 4) To end a conference call completely, all local parties must hang up. The conference call will also end when the calling party hang up.

Intercom/Call Transfer Feature

If you have two or more handsets, you can use them as an intercom. Also, you can place an outside call on hold and transfer the call to another handset.

Intercom

- 1) In standby mode, press **intcom/hold**.
- 2) Select the handset you want to talk with within 30 seconds. To select the handset, press **cid/vol/∧** or **redial/p/vol/∨**, and then press the **OK** soft key. If you select #11, all other handsets will be paged. An intercom tone sounds.
To cancel intercom, press the **CANCEL** soft key on the initiating handset.



If the party is busy or out of range, the handset returns to standby mode.

note

- If any you receive an outside/intercom call or page while selecting the other handset, the operation will be cancelled.
- If the party does not answer within one minute, the operation is cancelled.

- 3) To answer the page, press **talk/flash**, **intcom/hold**, or the **ANSWER** soft key. If Any Key Answer is enabled, pressing a number key, ***/tone/<**, or **#/>** will answer the page. If AutoTalk is enabled, you can answer the page by simply picking up the handset.

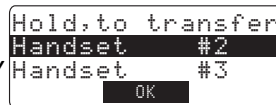


- 4) To hang up the intercom call, press **end** or the **END** soft key on either handset.

Call Transfer Feature

- 1) During a call, press **intcom/hold** on the handset.
- 2) Select a handset to transfer the call to within 10 seconds.

To select the handset, press **cid/vol/^** or **redial/p/vol/√**, and then press the **OK** soft key. If you select All, all other handsets will be paged.



The call will automatically be placed on hold, and an intercom tone sounds.

To cancel the transfer, press the **CANCEL** soft key, **talk/flash** or **speaker** on the initiating handset.

- 3) To answer the page on a handset, press **talk/flash**, **intcom/hold**, or the **ANSWER** soft key. If Any Key Answer is enabled, pressing any number key, ***/tone/<**, or **#/>** will answer the page. If AutoTalk is enabled, you can answer the page by simply picking up the handset.
- 4) To speak to the caller, press **talk/flash** on the receiving handset.

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. In the rare situation that you suspect another cordless telephone is using the same security code, you can change the code. To change the digital security code:

1. De-register all the handsets you have (see "De-register the Handset" on page 30).
2. Register the handsets by following step 2-3 in "Registering the Handset" on page 16.

Find Handset

To locate the handset, press ***find handset*** on the base when the phone is in standby mode. All registered handsets beep for 60 seconds, and **Paging** appears on the handset display. To cancel paging, press any key on the handset or ***find handset*** on the base.

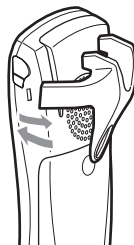
Installing the Beltclip

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 either side of the beltclip to release the tabs from the holes.

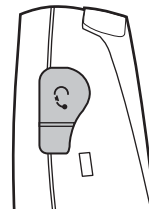


note

If the battery pack is completely drained, the handset will not beep when paging.

Headset Installation

Your phone can be used with an optional headset. To use this feature, insert the headset plug into the headset jack. Your phone is ready for hands-free conversations. (Headset can be purchased by calling the Uniden Parts Department or visiting the web site. See back page.)



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.

Power Failure

During the period that the power is off, you will not be able to make or receive calls with the telephone.

Caution

- Use only the specified Uniden battery pack (BT-446).
- Do not remove the batteries from the handset to charge them.
- Never throw the battery into a fire, disassemble them, or heat them.
- Do not remove or damage the battery casing.

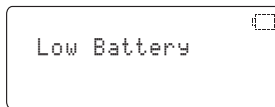
Low battery alert

When the battery pack is very low, the phone is programmed to eliminate functions in order to save power.

The battery pack needs to be charged when:

- The empty battery icon appears.
- Low Battery appears in the display.

If the phone is in standby mode, none of keys will operate. If you are on a call, complete your conversation as quickly as possible, and return the handset to the cradle.



Cleaning the battery charging contacts

To maintain a good charge, it is important to clean the charging contacts on the handset once a month. Using water only, dampen a cloth to clean the charging contacts. Then make sure to go back over the charging contacts with a dry cloth before returning the handset to the base to charge.

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



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 each telephone call.

General Information

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

AC Adapter Information

AC Adapter part number: AD-800 for the base	AD-0005 for the charger (TRU8860-2 only)
Input Voltage: 120 AC 60Hz	120V AC 60Hz
Output Voltage: 9V DC 350mA	9V DC 210mA

Battery Information

Battery part number: BT-446
Capacity: 800mAh, 3.6V



- To avoid damage to the phone use only Uniden AD-800 and BT-446, and AD-0005 with your phone.
- 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 or battery can be purchased by contacting the Uniden Parts Department (see back page).

Specifications, features, and availability of optional accessories are all subject to change without prior notice.

Troubleshooting

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

Symptom	Suggestion
The charge LED won't illuminate when the handset is placed in the cradle.	<ul style="list-style-type: none"> • Make sure the AC adapter is plugged into the base or the charger (if you have more than one handset) and wall outlet. • Make sure the handset is properly seated in the cradle. • Make sure the charging contacts on the handset are clean.
The audio sounds weak.	<ul style="list-style-type: none"> • Move the handset and/or base away from metal objects or appliances and try again. • Make sure that you are not too far from the base.
Can't make or receive calls.	<ul style="list-style-type: none"> • Check both ends of the base telephone line cord. • Make sure the AC adapter is plugged into the base and wall outlet. • Disconnect the AC adapter for a few minutes, and then reconnect it. • De-register the handset (see "De-register the Handset" on page 30) and register the handset (see "Register the Handset" on page 16). • Make sure that you are not too far from the base. • Make sure the line is not in use. • If an outside call is already established, you can not make another outside call.
The handset doesn't ring or receive a page.	<ul style="list-style-type: none"> • Charge the batteries in the handset for 15-20 hours by placing the handset on the base or charging cradle. • Make sure that you are not too far from the base. • De-register the handset (see "De-register the Handset" on page 30) and register the handset (see "Register the Handset" on page 16).
Unavailable appears in the display.	<ul style="list-style-type: none"> • Make sure that another handset(s) is not in use, and try the phone again. • Make sure that you are not too far from the base.

Symptom	Suggestion
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.
The Caller ID does not display.	<ul style="list-style-type: none"> • The handset was picked up before the second ring. • The call was placed through a switchboard. • Call your local telephone company to verify your Caller ID service is current. There can be a problem with your Caller ID service.
You cannot register the handset at the base.	<ul style="list-style-type: none"> • Charge the battery pack for 15-20 hours. • De-register the handset (see "De-register the Handset" on page 30) and register the handset (see "Register the Handset" on page 16).
The handset doesn't communicate with other handsets.	<ul style="list-style-type: none"> • De-register the handset (see "De-register the Handset" on page 30) and register the handset (see "Register the Handset" on page 16). • Make sure that you have registered all handsets.
The handset can't join the conversation	<ul style="list-style-type: none"> • Make sure there are not 2 handsets already using the 3-way conference feature. • Make sure that another handset is not in privacy mode.
Room Monitor feature does not work.	<ul style="list-style-type: none"> • Make sure to place the handset(s) within the range of the base.
If you still have a problem.	<ul style="list-style-type: none"> • Call our customer hotline at 1-800-297-1023.

Liquid Damage

Moisture and liquid may damage your cordless phone. Follow the steps below if your phone gets wet:

Case	Action
If the exterior plastic housing on the handset or base is exposed to moisture or liquid.	Wipe off the liquid, and use as normal.
If moisture or liquid has entered the plastic housing (i.e. liquid can be heard in the phone or liquid has entered the handset battery compartment or vent openings on the base).	<p>Handset:</p> <ol style="list-style-type: none"> 1) Remove the battery cover and leave it off for ventilation. 2) Disconnect the battery pack. Leave the battery cover off and the battery pack disconnected for at least 3 days. 3) Once the handset is completely dry, reconnect the battery pack and the battery cover. 4) Recharge the handset's battery pack for 20 hours before using. <p>Base:</p> <ol style="list-style-type: none"> 1) Disconnect the AC adapter from the base, cutting off electrical power. 2) Disconnect the telephone cord from the base. 3) Let dry for at least 3 days. <p>IMPORTANT: You must unplug the telephone line while recharging the battery packs to avoid charge interruption.</p> <p>CAUTION: DO NOT use a microwave oven to speed up the drying process. This will cause permanent damage to the handset, base and the microwave oven.</p> <p>After following these steps, if your cordless telephone does not work, please call our Customer Service Hotline at 1-800-297-1023.</p>

Precautions!

Before you read anything else, please observe the following:

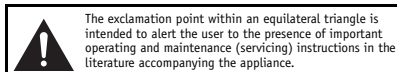
Warning!

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-Metal-Hydride Battery Warning

- This equipment contains a rechargeable Nickel-Metal-Hydride battery.
- Nickel is a chemical known to state of California to cause cancer.
- The rechargeable Nickel-Metal-Hydride 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-Metal-Hydride battery used in this equipment in any charger other than the one designed to charge this battery as specified in the owner's manual. Using another charger may damage the battery or cause the battery to explode.

Rechargeable Nickel-Metal-Hydride Batteries Must Be Recycled or Disposed of Properly



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.

Uniden works to reduce lead content in our PVC coated cords in our products and accessories.

Warning!

The cords on this product and/or accessories contain lead, a chemical known to the State of California to cause birth defects or other reproductive harm. **Wash hands after handling.**

Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. 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.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.

4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible battery disposal instructions.
5. Do not disassemble any component of this product.

SAVE THESE INSTRUCTIONS

CAUTION

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions. Do not open or mutilate the battery, and disconnect the battery before shipping this product.

The FCC Wants You To Know

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:AAEQ##TXXXX. If requested, this number must be provided to the telephone company.

An applicable Universal Service Order Codes (USOC) certification for the jacks used in this equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. Please follow instructions for repairing, if any (e.g. battery replacement section); otherwise do not substitute or repair any parts of the device except as specified in this manual.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

This equipment is hearing aid compatible.

Should you experience trouble with this equipment, please contact Uniden customer service at 800-297-1023. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrester is recommended.

Changes or modifications to this product not expressly approved by Uniden, or operation of this product in any way other than as detailed by the owner's manual, could void your authority to operate this product.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Privacy of communications, may not be ensured when using this phone.

To insure the safety of users, the FCC has established criteria for the amount of radio frequency energy various products may produce depending on their intended usage. This product has been tested and found to comply with the FCC's exposure criteria. For body worn operation, the FCC RF exposure guidelines were also met when used with the Uniden accessories supplied or designed for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines and should be avoided.

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 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.

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 airways. Because of the inherent physical properties of radio waves, your communications can be received by radio receiving devices other than your own cordless telephone unit. Consequently, any communications using your cordless telephone may not be private.

One Year Limited Warranty

Important: Evidence of original purchase is required for warranty service. **WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")** ELEMENTS OF **WARRANTY:** Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. **THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America and Canada.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Disconnect the battery from the Product and separately secure the battery in its own separate packaging within the shipping carton. The Product should include all parts and accessories originally packaged with the Product. 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, to warrantor at:

Uniden America Service
4700 Amon Carter Blvd.
Fort Worth, TX 76155

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".

Memory List

	Name	Phone No.
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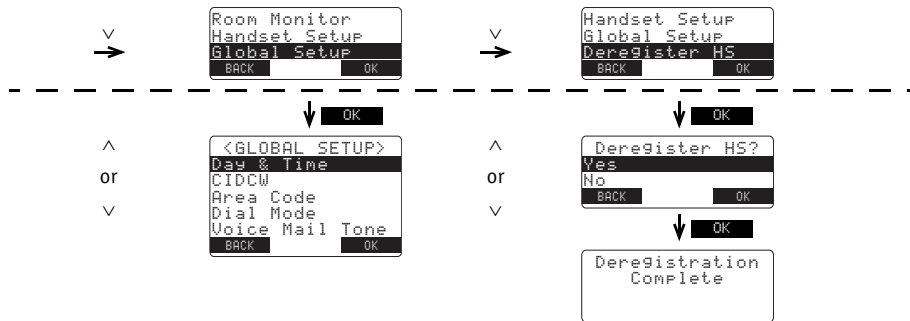
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5,758,289	5,768,345	5,787,356	5,794,152	5,801,466	5,825,161
5,864,619	5,893,034	5,912,968	5,915,227	5,929,598	5,930,720
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