Important Information

Read this section before using your PCD1000 cellular telephone.

The PCD1000 is a radio transmitter and receiver. When the phone is on, the antenna is the part of the phone that sends out and receives radio frequency (RF) energy in the 824 to 894 MHz range using common frequency modulation (FM) techniques. When you use your phone, the cellular system handling your call controls the power level (usually 0.006 watts to 3 watts) at which your phone transmits.

In 1991, the institute of Electrical and Electronics Engineers (IEEE), and in 1992 the American National Standards Institute (ANSI) updated the 1982 ANSI Standard for safety levels with respect to human exposure to RF energy. Over 120 scientists, engineers, and physicians from universities, government health agencies, and industry, after reviewing the available body of research, developed this updated Standard. In March, 1993, the Federal Communication Commission (FCC) proposed the adoption of this updated Standard. For the safe and efficient operation of your phone, observe these guidelines:

- 1. **Warning**: Uniden America Corporation **does not** represent this unit to have been **waterproofed**. To reduce the risk of electrical shock, fire hazard, or damage to the unit, do not expose to rain or moisture.
- 2. Do not operate this cellular phone when holding the antenna, or when any person is within 4 inches of the antenna. To limit RF exposure, control the duration of your calls.
- 3. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. If the antenna is damaged, replace it with a

Uniden-approved antenna before operating the phone. Contact your Uniden dealer for more information.

- 4. When using your phone while driving, Uniden recommends that you only use the phone when the vehicle is stationary. This ensures that you maintain full attention to driving while the vehicle is in motion. You are responsible for driving safely and using reasonable judgment while using your cellular phone.
- 5. RF energy from cellular telephones may affect some personal medical devices (pacemakers, hearing aids, etc.) Consult your physician or the device manufacturer for information regarding the effect of RF energy on personal medical devices.
- 6. Do not use this cellular phone in an airplane.
- 7. Do not allow children to play with the phone. It is not a toy. Children could hurt themselves or others (by poking themselves or others in the eye with the antenna, for example). Children could also damage the phone or make calls that increase your telephone bills.
- 8. Obey the warning signs that require mobile radios to be turned off. This is typically required near construction sites where blasting occurs, and in health care facilities.
- 9. Turn your phone off when in any area with a potentially explosive atmosphere. These areas include fueling areas such as gas stations, below deck on boats, chemical transfer and storage facilities, and areas where the air contains particles (grain, dust, or metal powders.)

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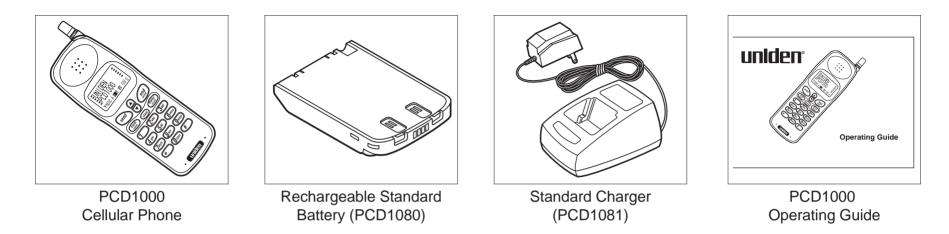
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-	

Welcome!

You have chosen to enter the world of cellular telephone technology with one of the finest portable cellular phones available today, the **PCD1000**. Now, you can place or receive calls from anywhere there is cellular coverage. Your **PCD1000** can go with you anywhere so that you're never out of touch: in your car, on the beach, at the golf course, or even just for a walk in the woods. With the Roam feature, you can also use your unit in most metropolitan areas when you travel away from your own area. The many standard features on the **PCD1000** make calling quick and convenient. And the easy-to-use Menu functions help you customize your **PCD1000** for your personal applications.

We're confident you will be proud to own the **PCD1000**, and to make sure you understand all its convenient features, please take the time to read this Operating Guide. It will help you use the technology and convenience of cellular communications. Be sure to fill in the Registration Card found at the end of this Guide, cut it out and mail it.

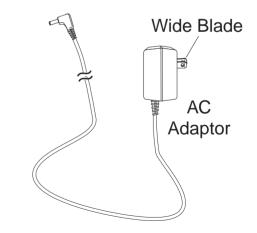
Included with the PCD1000



- If any of these items are missing or damaged, immediately contact your place of purchase.
- Read the Operating Guide thoroughly before operating the cellular phone.
- Complete and immediately mail the Registration card in this Operating Guide.

Caution!

The AC Adapter included with this phone may be equipped with a polarized alternating line plug (a plug with one blade wider than the other.) This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact an electrician to replace the obsolete outlet. **Do not** alter the shape of the blades to the polarized plug.



Features

One Year Limited Warranty

50 Memory Locations - Easily store and recall your most often called numbers.

A/B Switching - Easy switching between carriers.

- Automatic Retry Your PCD1000 automatically retries to place a call (up to 4 times) when the system is busy.
- **Tone Dialing from Memory -** Gives you quick access to long distance carriers and voice mail.
- **Full Electronic Lock -** Disables transmit and receive functions to prevent unauthorized use of your phone.

Half Lock - Disables transmit function. You can still receive calls.

Programmable Lock Code - Use your own four-digit code.

Dual NAM (Programmable) - Can register for home service in different cities.

Alpha Numeric Entry- Store and search for phone numbers by name or number.

Timer Features - Timers for last call and total time are included.

Signal Strength Meter - The LCD shows the signal strength.

- Battery Level Meter The LCD shows the battery charge level.
- Low Battery Warning Signal Reminds you to recharge the battery.

Ring Tone Select - Choose from five different ring tones.

- **One-Touch Emergency Dial -** Call an emergency phone number by pressing a single key.
- **Missed Call Counter -** Registers unanswered calls received while in Standby Mode.
- **Silent Mode -** Turns off ringers and key touch tones when the minimum setting is selected.

User-Programmable from Menus - Menus make customizing easy.

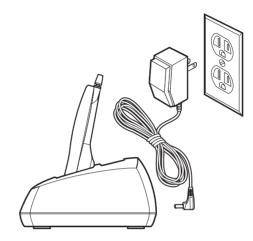
Plus these other features:

32 Numeric Digits Per Memory Location 10 Alpha Digits Per Memory Location Electronic Volume Controls Rechargeable Battery Pause Dialing Incoming Call Indicator Self-Storing Antenna Illuminated Liquid Crystal Display (LCD)

Fast Start

Charging the Battery

- 1. Plug adapter into wall outlet.
- 2. Plug adapter into the PCD1000.
- If you have the PCD1087 extended life battery, charge the battery for 8 hours. Otherwise, charge the cellular battery for 15 hours.



Battery Alarm

A Battery Warning Tone sounds when the battery charge is low. The battery icon flashes and the message, **RECHARGE BATTERY**, displays on the LCD.

Battery Memory Effect

Rechargeable batteries can develop a "memory" (reduced charge capacity) caused by repeated charge and discharge cycles.

Rechargeable batteries that have developed this effect will not operate to their fullest capacity.

To Avoid Memory Effect: Operate the unit until the Rechargeable Battery is completely discharged before recharging. Do not "top off" the charge after using for a short time.

Also, do not charge the Rechargeable Battery for extended periods of time.

To Erase Memory Effect: Operate the unit until the Rechargeable Battery is completely discharged, then recharge fully. Repeat this process at least three (3) times.

Antenna

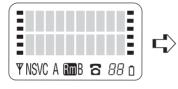
Before placing or receiving a call, pull antenna up until it clicks into place.



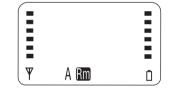
Power

Power ON

Press and hold **end** for about three seconds. Digits, icons, and bars light briefly and then the Wake Up Tone sounds.



The phone goes into the Idle Mode.



Power OFF

Press and hold *end* until you hear a beep which is about three seconds.



If a call is still in progress, power cannot be terminated until the call ends.

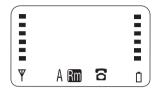
Calling

To receive a call

1. Phone rings, **CALL** displays and the LCD flashes.



2. Press any key (except *menu*) and talk.



3. To hang up, press end.

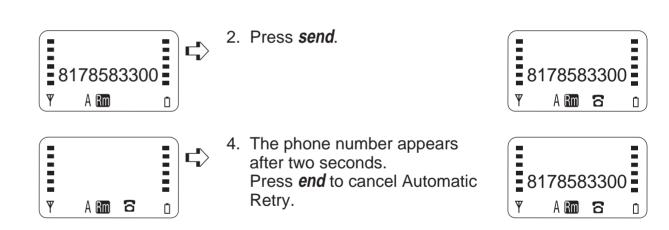
To make a call

1. Enter the phone number, (8111) (7pqrs) (8111) (5114) (8111)

(3def) (3def) (0oper) (0oper).

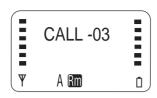
 If you hear no sound, the call did not go through. The PCD1000 will retry the call up to five times.

5. To hang up, press end.



Absent Call Counter

When the **PCD1000** is on, it registers the number of unanswered calls.



To redial last number called

1. Press *send*.



2. To hang up, press *end*.

Memory - Store

Numeric

To Store in Specific Location

- 1. Enter the phone number,
 - 8tuv
 7pqrs
 8tuv
 5ikl
 8tuv

 3det
 3det
 0oper
 0oper
 .
- 3. Enter the two-digit memory location number and press
- 5. If a number is already stored in the specified location, the **REPLACE** prompt appears.
- 7. Enter the name and press (mem).

817858330 Y A Im		
■ 817858330 ▼ A 🖿 😚	0 OR	

- REPLACE? AYES VNO V A M 180
- NAME INDEX UNIDEN V A C 180

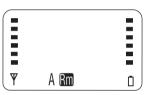
- 2. Press *mem* and hold about one second.
- 4. To cancel, press end.

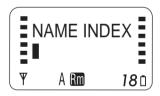
- 6. Replace the previously stored number or press

 /
 to find the next available location. The NAME INDEX screen appears.
- 8. Press *mem* and store the number.

Screen returns to Normal after 2 seconds.







	STORED	
Y	A Rm	180

To Store in Next Available Location

- 1. Enter the phone number, (3tur) (7pqrs) (3tur) (5jkl) (8tur) (3det) (3det) (0oper) (0oper).
- Press ▲ / ▼ to store in the next available number location. NAME INDEX displays on the LCD.
- 5. The LCD displays **STORED** two seconds and returns to Normal mode.







- 2. Press (mem) and hold about one second.
- 4. Enter the alpha numeric name and press *mem* again.

Press *end* to cancel. For directions on entering alpha characters, see the table on page 13.





To call a Number in Memory

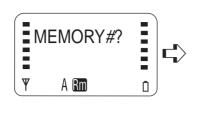
1. Press mem.

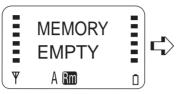
3. Press *send*. If a memory location of 51 or more is used, it is ignored.

MEMORY EMPTY displays on the LCD if no number is stored at the location entered.

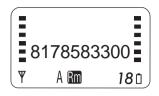
To Speed Dial a Number in Memory

- Press the memory location number (00 - 50).
 Note: You don't have to press two digits for Speed Dialing for memory locatios 1 through 9.
- 3. To hang up, press *end*.





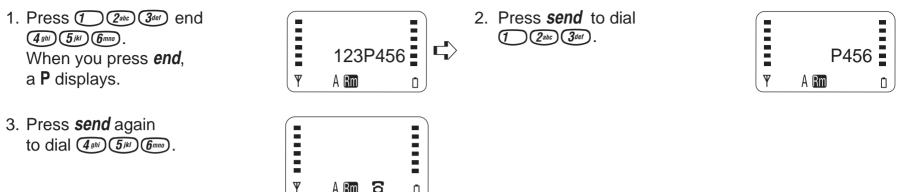
2. Enter the two-digit memory location number (00 - 50).



4. To hang up, press end

2. Press *send*. 2. Press *send*. ♥ A ■ □ □ ↓ 2. Press *send*. ♥ A ■ 27 □ ♥ A ■ 27 □

To Enter a Pause



Entering Alpha Characters

This table shows the correspondence between the Numeric keys and the letters of the alphabet.

6

Ō

A Rm

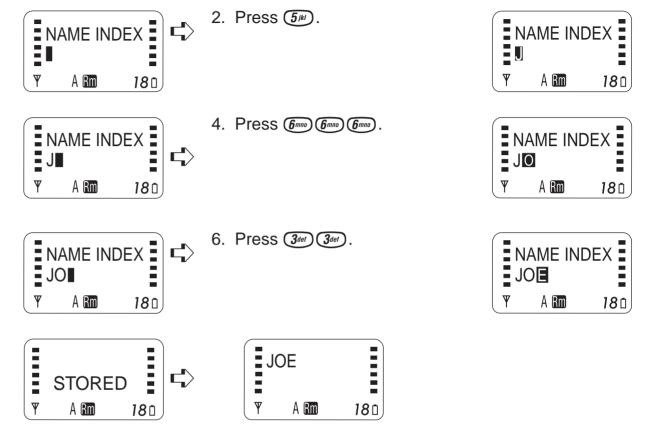
Numeric Key	Alphabet	
1	1	
2	A, B, C, 2	
3	D, E, F, 3	
4	G, H, I, 4	
5	J, K, L, 5	
6	M, N, O, 6	
7	P, Q, R, S, 7	
8	T, U, V, 8	
9	W, X, Y, Z, 9	
0	0	

Example: To store the letter L, press **5**^M **5**^M **5**^M

Example: To enter the name "JOE" in the display.

- 1. After storing a numeric number in a desired memory location, press and hold *mem* for about one second.
- 3. The cursor moves to the next position after 1 second. During letter entry, you can press

 Image: Image:
- 5. Press # to move to the next space.
- 7. Press *mem* to store in memory.

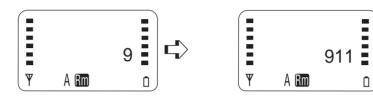


Storing and Dialing the Emergency One-Touch Number

Note: The Emergency One-Touch Number (press (9vryz)) is factory preset at 911.

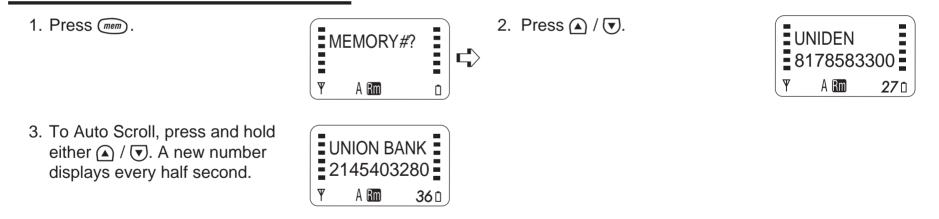
To Dial the Emergency One-Touch Number

1. Make sure the power is on, and press and hold (9)(XYZ) for about 1 second.



3. Press *end* to hang up.

Memory - Phone Number Review



Memory - Search

Alpha

1. Press (mem), (mem).



2. Enter part of the name.

(See page 13 for letters.)

SEARCH U Y A Im 0

3. Press ▲ to begin searching from the lowest number (00) or
▼ to begin searching from the highest number (50) for the name entered.



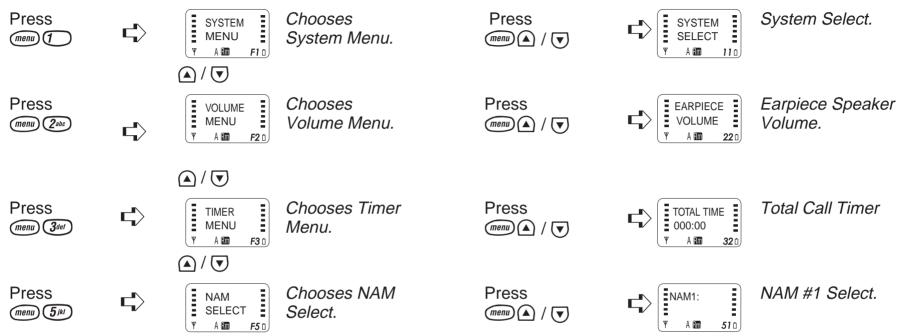
 To see next memory location with that name, press the same key (▲ / ♥) again.



5. To call name shown, press **send**.

PCD1000 Setup

Use these menus to set up the features of the PCD1000.



Setting Volumes

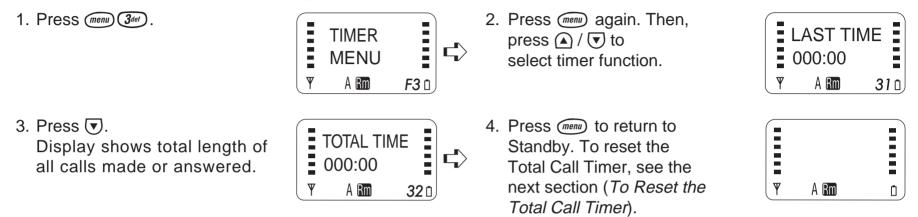
Sets volume for Ringer, Earphone, Key Tone and System Busy signal.

You can set these volumes while talking on your phone.

- 1. Press (menu) (2abc).
- 2. Press (mem) RINGER VOLUME MENU Note: Press () / () to see VOLUME other volumes. Ψ Ψ A Rm A Rm **F2** 🗅 210 3. Select a volume and 4. Press () for higher RINGER RINGER volume, or (press (mem). Н ΗΞ for lower volume. Ψ A Rm Ψ A Rm 210 210 5. Press (menu) to store the change. Or, to cancel and **STORED** return to Standby, press end or clear. Ψ A Rm 210

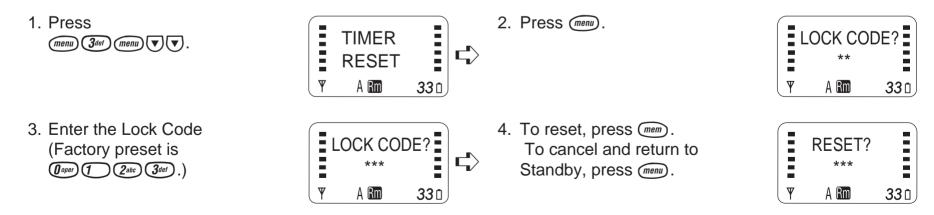
Setting Call Timers

LAST CALL: Shows length of the last call made or answered (in minutes and seconds). **TOTAL CALL**: Shows total length of all calls made or answered.



Note: The Last Call Timer is reset each time you make or answer a call, or turn the phone OFF.

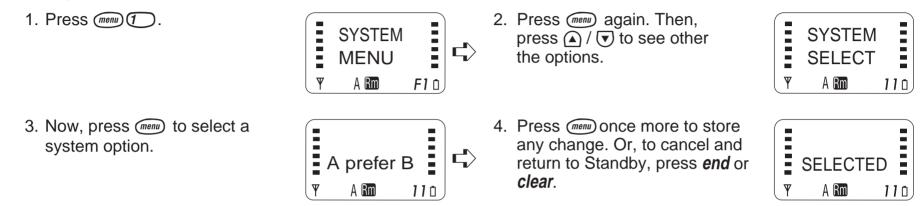
To reset the Total Call Timer



Setting Systems for the PCD1000

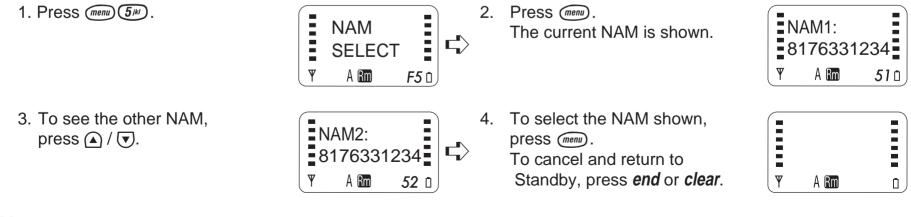
If the "NSVC" indicator appears, you may be out of your service area, or your system may not be set correctly.

(See page 21 for more information.)



Selecting Number Assignment Modules (NAM)

NAMs prevent unnecessary long distance or ROAM charges. Your service provider can register two NAMs in the **PCD1000**. (See page 21 for more information.)



Advanced Functions

When you travel, your **PCD1000** has several advanced functions that can put your cellular phone in service, or eliminate unnecessary long distance or ROAM charges. These functions are:

- 2 NAM (Number Assignment Module) Selections.
- System Selection
- SID (System Identification) Selection
- SID Inhibit

See your Uniden Dealer for more explanation of, and assistance with these functions.

To access any of these functions, see page 17.

NAM Selection

If you regularly travel between two different cities, you can have a different telephone number (NAM) assigned to each location. If **ROAM** is displayed, and you are in one of your NAM locations, then you need to select the proper NAM (NAM 1 orthrough NAM 2).

System Selection

When you are traveling, you may need to change your A/B System so you can eliminate the **NO SERVICE** indicator. You may also need to select a different System whenever you change the telephone number or select the programmed **SID**. Some Systems are "wireline" (conventional telephone network), and some are "non-wireline". Ask your service provider for more information about these Systems.

The various Modes are:

A-ONLY	B-ONLY
ΑΤΟΒ	ΒΤΟΑ
HOME ONLY	SID ONLY

Before changing your System, check and record the present System setting.

If you see **NSVC** on the display for more than a few seconds, the phone is in an area that will not support operation in the selected Mode. You must then choose another.

Modes **A ONLY** and **B-ONLY** are used when you travel in areas other than your home area and the cellular coverage is strong wherever you go. If the cellular phone is out of the service provider's cellular coverage,

NOSVC is displayed. If you are in a System area opposite to your Home System, **ROAM** is displayed.

HOME is used within your Home Area. It is the System you are authorized on. When you are out of your Home Area, **NOSVC** is displayed.

A TO B and **B TO A** are used when you travel in areas where cellular coverage is weak or split into several System types. This allows you to avoid switching back

Roaming

Many carriers (airtime providers) make arrangements with carriers in other cities to allow use of mobile telephones in areas other than your Home area. If you are traveling in an area where cellular service is provided, and you wish to use your cellular phone, check with your Cellular Service Company before leaving your Home area. They will give you information about registering and operating your cellular phone in a particular area.

In some cities, depending upon your Cellular Service Company, no registration will be required. You may dial your phone as if you were traveling in your Home area. However, if you call a number local to the area in which you are roaming, first dial the area code of the local number (no preceding 1), then the rest of the phone number. Keep in mind that calls to your Home area may incur long distance charges.

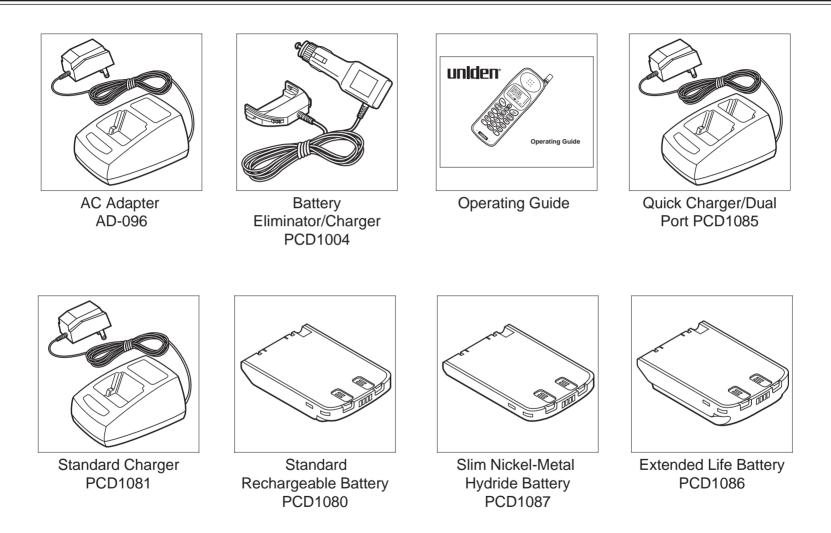
Other areas will require advance registration with a major credit card, or may require that all long distance calls be dialed using a telephone credit card or other charge method (collect, third telephone number). Your Cellular Service Company can give you the information before you make the trip. If that is not possible, simply dialing a call will, in many cases, provide needed information.

You may hear a recording (no airtime charge) that gives procedures for roaming calls and connects you immediately (during business hours) to a registration clerk. If you cannot obtain roaming services on one carrier, try switching to the other type. It is important to remember that the **ROAM** indicator does not mean the phone is authorized to make calls; only that a system other than the Home system is detected.

SID (System Identification)

In general, metropolitan areas are served by more than one service provider. Under certain circumstances you may be roaming in an area that has two A systems or two B systems that overlap, and you could be charged two roaming charges. To prevent this double charging, program in the System Identification number (SID) for that area, and then activate the number when you are in that location. (You will get the SID from the service provider in that location.)

Optional Accessories and Replacement Parts



Not shown above but also available in the optional euipment is the leather carrying case.

 Specifications			
 Channels:	832		
Frequency Range:	Transmit: 824.04 to 848.97 MHz Receive: 869.04 to 893.97 MHz		
Channel Spacing:	30 kHz		
Duplex spacing:	45 MHz		
Frequency Stability:	+/- 2.5 ppm		
Receiver Sensitivity:	-116 dBm at -4°F to +122°F 5.3 V +/- 10% -113 dBm at -22°F to +140°F 5.3 V +/- 15%		
ERP:	0.6 W — 6.3 mW (6 levels in 4 dB steps)		
Modulation:	Data - FSK Voice - FM (with compander)		
Display:	Illuminated Liquid Crystal		
Power:	5.3 VDC +/- 15% (as supplied by specified battery eliminator or battery charger accesso		
Battery Drain:	Standby 50 mA (Typical), (approx. 15 hours) TX 500 mA (Typical), (approx. 1.6 hours)		
Operating Temperature:	-22°F to +140°F		
Battery Pack:	Model PCD1080/PCD1086/PCD1087		
Size of Phone and Battery:	6"H x 2 3/16"W x 1 1/4"D (with antenna stored)		
Weight:	7.9 oz.		

Specifications are typical and subject to change without notice.

Uniden® PCD1000 Portable Cellular Telephone

Sena

end

Operating Guide

UHZZ01041ZZ

Precautions

Before you read anything else, please observe the following:

WARNING!

Uniden America Corporation does not represent this unit to be waterproof. To reduce the risk of fire, electrical shock, or damage to the unit, **do not** expose this unit to rain or moisture.

Rechargeable Nickel-Cadmium Battery Warning

- This equipment contains a Rechargeable Nickel-Cadmium Battery.
- Cadmium is a chemical known to the State of California to cause cancer.
- **Do not** charge Rechargeable Nickel-Cadmium batteries with any charger other than the one designed to charge this battery as specified in this guide. Using another charger may damage the battery, or cause the battery to explode.

Rechargeable Nickel-Cadmium Batteries must be recycled or disposed of properly!

- Residents of Minnesota should contact 1-800-225-PRBA for information concerning reclamation and disposal of Rechargeable Nickel-Cadmium batteries.
 - Residents outside of Minnesota should contact their local authorities for information concerning reclamation and disposal of Rechargeable Nickel-Cadmium batteries.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

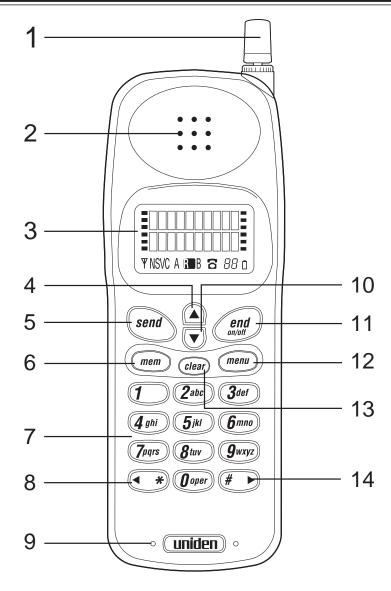
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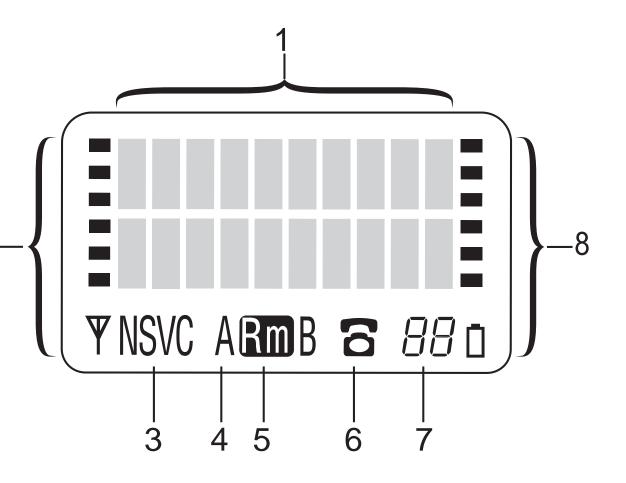
PCD1000 Portable Cellular Phone

- 1. Antenna
- 2. Earphone
- 3. Display
- 4. Scroll Up/ Volume Up
- 5. Send Key (Call Origination, Flash Key)
- 6. Memory Process/Recall Key
- 7. Alpha/Numeric Keypad
- 8. Asterisk Key (Phone Number Review)
- 9. Microphone
- 10. Down Scroll/Volume Down
- 11. End Key (Call Release, Power On/Off, Pause Dial)
- 12. Menu Key
- 13. Clear Key
- 14. Pound Key (Phone Number Review)



PCD1000 Liquid Crystal Display

- 1. 20 Character Display
- 2. Signal Strength Indicator
- 3. Appears when out of Service Area or No Signal
- 4. Indicates System in use (A or B)
- 5. Appears when out of Home Service Area
- 6. Appears when call is in progress
- 7. Indicates Menu Number or Memory location
- 8. Battery Strength indicator



One Year Limited Warranty

ONE YEAR LIMITED WARRANTY, BATTERY & ACCESSORIES 90 DAYS

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. Batteries and accessories are warranted for 90 days.

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

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

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

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in this Operating Guide you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped or delivered freight prepaid by traceable means to warrantor at::

Uniden America Corporation Parts and Service Division 4700 Amon Carter Blvd. Ft. Worth, TX 76155 (800)364-1944, 8 AM to 5 PM EST, Monday through Friday

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