

Precautions

Before you read anything else, please observe the following:

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 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!

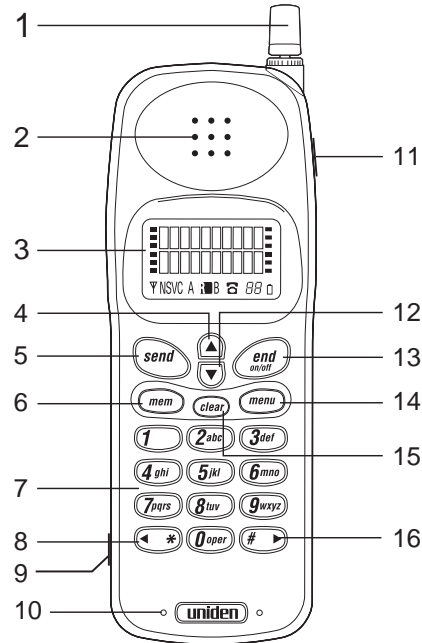
- Uniden voluntarily participates in an RBRC® industry program to collect and recycle nickel-cadmium batteries at the end of their useful life, when taken out of service within the United States. The RBRC® program provides a convenient alternative to placing used nickel-cadmium batteries into the trash or municipal waste stream, which is illegal in some areas.
- Through the RBRC® program, Uniden makes it easy for you to drop off the used battery at local retailers of replacement nickel-cadmium batteries. You may also contact your local recycling center for information on where to return the used battery. Please call 1-800-8-BATTERY for information on Ni-Cd battery recycling in your area. Uniden's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.
- RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.©1998

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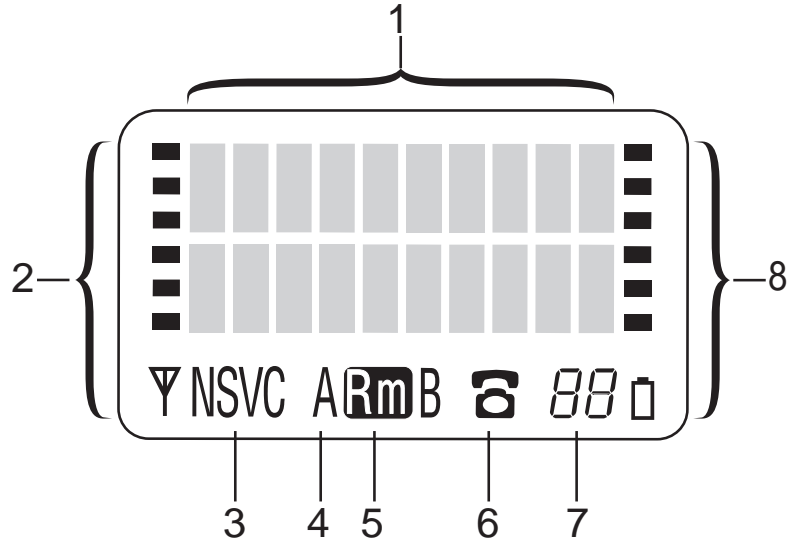
PCD2000A Portable Cellular Phone Controls

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



PCD2000A 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



Safety Information For Wireless Handheld Phones

Read this section before using your PCD2000A cellular telephone.

Exposure To Radio Frequency Signals

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992)
NCRP Report 86 (1986)
ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

Normal Position

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips On Efficient Operation

For your phone to operate most efficiently:

Extend your antenna fully.

Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving — driving safely is your first responsibility.
- Use hands-free operation, if available:
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.

- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC Regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in areas posted: “Turn off two-way radio.” Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Important Information

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.



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.

The FCC Wants You To Know

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.

Wireless Handheld Phone Privacy

Wireless handheld phones are radio devices. Because of the inherent physical properties of radio waves, your communications can be received by radio receiving devices other than your own wireless handheld phone. Consequently, any communications using your wireless handheld phone may not be private.

Important Safety Instructions

When using your wireless handheld phone, these basic safety precautions should always be followed to reduce the risk of fire, electrical shock, and injury to persons.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. If the product is connected to a battery charger, unplug it from the wall outlet before cleaning. Use a dry cloth for cleaning without liquid aerosol cleaners.
4. Do not use this product near water; for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the unit.
6. Slots and openings in the product may be provided for ventilation. To protect from overheating, these openings must not be blocked or covered. This product should never be placed near or over a radiator or heat register.
7. This product's battery charger should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power source available, consult your dealer or local power company.

8. When using the battery charger, do not overload wall outlets and extension cords, as this can result in the risk of fire or electrical shock.
9. Never push objects of any kind into this product through ventilation slots, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product. Take it to qualified service personnel when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
11. Refer servicing to qualified service personnel under the following conditions:
 - A. When the battery charger power supply cord is damaged or frayed.
 - B. If liquid has been spilled into the product.
 - C. If the product has been exposed to rain or water.
 - D. If the product does not operate normally when following the operating instructions. (Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive repair work by a qualified technician).
 - E. If the product has been dropped or damaged.
 - F. If the product exhibits a distinct change in performance.

Battery Safety Precautions

Caution! To reduce the risk of fire or injury to persons by the battery, read and follow these instructions:

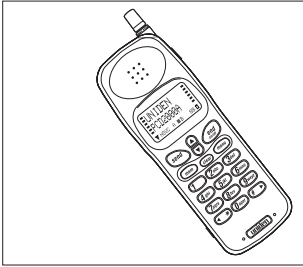
1. Use only the appropriate type and size battery pack(s) specified in the owner's manual.
2. Do not dispose of the battery pack in a fire. The cell may explode.
3. Do not open or mutilate the battery pack. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling the battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery pack provided with or identified for use with this product only in accordance with the instructions and limitations specified in the owner's manual provided for this product.
6. Observe proper polarity orientation between the battery pack and battery charger.

Welcome!

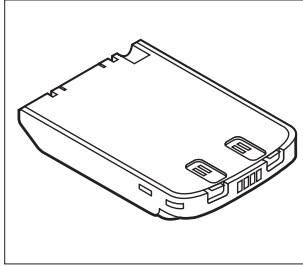
You have chosen to enter the world of cellular telephone technology with one of the finest portable cellular phones available today, the **PCD2000A**. Now, you can place or receive calls from anywhere there is cellular coverage. Your **PCD2000A** can go with you anywhere so that you're never out of touch: 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 **PCD2000A** make calling quick and convenient. And the easy-to-use Menu functions help you customize your **PCD2000A** for your personal applications.

We're confident you will be proud to own the **PCD2000A**. 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.

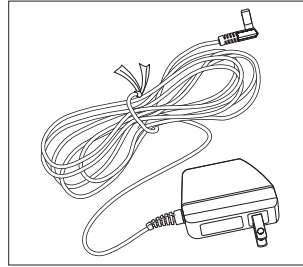
Included in your Package



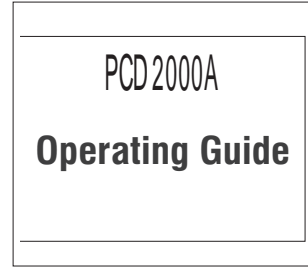
PCD2000A
Cellular Phone



600 mAh Nickel-Cadmium
Battery PCD600Ni



Standard Charger
AD267



PCD2000A
Operating Guide

- 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.

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 **PCD2000A** automatically retries to place a call (up to 4 times) when the system is busy.

Programmable Password - Use your own four-digit code.

Auto PIN - Prevents unauthorized use of your cellular phone number

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.

One-Touch Emergency Dial - Call an emergency phone number by pressing a single key.

Absent 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.

Headset - Use the optional headset for hands free operation.

Plus these other features:

32 Numeric Digits Per Memory Location

10 Alpha Characters/Digits Per Memory Location

Electronic Volume Controls

Rechargeable Battery

Pause Dialing

Incoming Call Indicator

Self-Storing Antenna

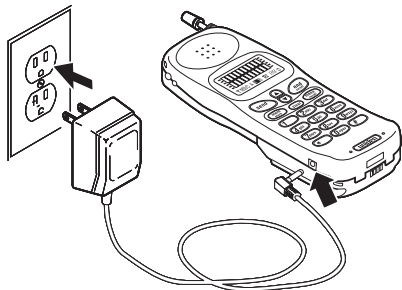
Mute and Mute Indicator

Illuminated Liquid Crystal Display (LCD)

Fast Start

Charging the Battery

1. Plug the charger into a wall outlet.
2. Plug the charger jack into the **PCD2000A**.
3. If you have the PCD1087 extended life battery, charge the battery for 6 hours. Otherwise, charge the cellular battery for 5 hours.



Use only the Uniden battery charger supplied with your PCD2000A.

Battery Alarm

A Battery Warning Tone sounds when the battery charge is low. The battery icon flashes and **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.

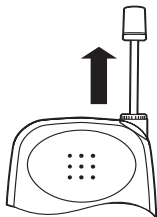
Rechargeable batteries that have developed this effect will not operate to their fullest capacity.

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

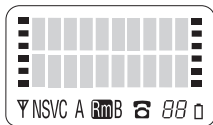
Before placing or receiving a call, pull antenna up until it clicks into place.



Power

Power ON

Press and hold **end** for about one second. 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 one second.

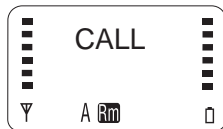


If a call is still in progress, power cannot be terminated until the call ends.

Calling

To receive a call

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



2. Press any key (except ▲ /▼) and talk.

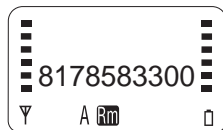


3. To hang up, press **end**.

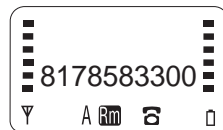
To make a call

1. Enter the phone

number, **8uv** **1** **7purs**
8uv **5jkl** **8uv** **3def** **3def** **0oper** **0oper**.



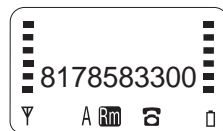
2. Press **send**.



3. If you hear no sound, the call did not go through. The **PCD2000A** will retry the call up to five times.



4. The phone number appears after two seconds. Press **end** to cancel Automatic Retry.

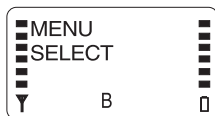


5. To hang up, press **end**.

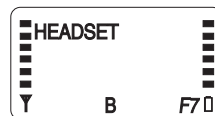
Headset Menu

For hands-free calling, you can add an optional headset. The headset menu has two settings: alert repeat or auto-answer.

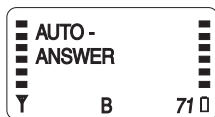
1. To go to the phone settings menu from standby, press **menu**.



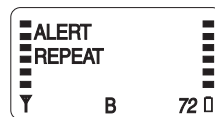
2. Press **▲** once.



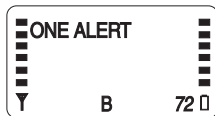
3. Press **menu** again.



4. Use the **▲** or **▼** keys to choose between AUTO ANSWER or ALERT REPEAT.
Our example: ALERT REPEAT.



5. Press **menu**.



6. Use the **▲** or **▼** keys to select one alert or three alerts.

7. Press **menu**. In two seconds, the display returns to standby.

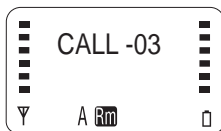
Mute Function

The microphone can be muted while on a call.

1. To enable the mute function press **menu** then **0 oper**.
2. To disable the mute function press **menu** and **0 oper** again.

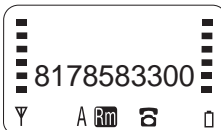
Absent Call Counter

When the **PCD2000A** is on, it registers the number of unanswered calls.



To redial last number called

1. Press **send**.
2. To hang up, press **end**.



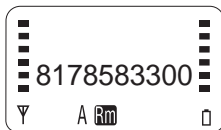
Memory - Store

Numeric

To Store in Specific Location

1. Enter the phone number, **8** **1**

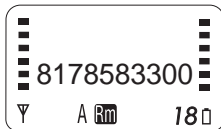
8 **5** **8** **3** **3** **0** **0**



2. Press **mem** and hold about one second.

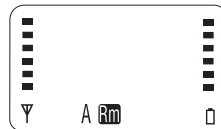


3. Enter the two-digit memory location number and press **mem**.



OR

4. To cancel, press **end**.



5. If a number is already stored in the specified location, the **REPLACE** prompt appears.



6. Replace the previously stored number or press **▲** / **▼** to find the next available location. The **NAME INDEX** screen appears.



7. Enter the name and press **mem**.



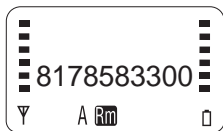
OR

8. Press **mem** and store the number. The screen returns to Normal after 2 seconds.



To Store in Next Available Location

1. Enter the phone number, **8** **1** **7** **8** **5** **8** **3** **3** **0**.



2. Press **mem** and hold for one second.



3. Press **▲** / **▼** to store in the next available number location. **NAME INDEX** displays on the LCD.



4. Enter the alpha numeric name and press **mem** again.



5. The LCD displays **STORED** two seconds and returns to Normal mode.

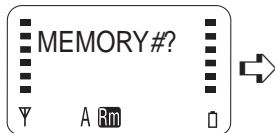


OR

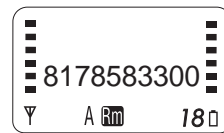
Press **end** to cancel. For directions on entering alpha characters, see the table on page 22.

To call a Number in Memory

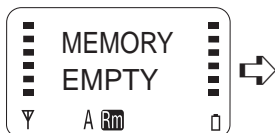
1. Press **mem**.



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



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



4. To hang up, press **end**.

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

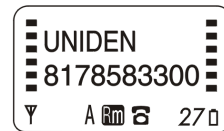
To Speed Dial a Number in Memory

1. Press the memory location number (00 - 50).

Note: You don't have to press two digits for Speed Dialing for memory locations 1 through 9.



2. Press **send**.



3. To hang up, press **end**.

Chain Dialing

On certain occasions, after dialing a number, you may be requested by the party or service you are calling to enter a special access code, such as when performing a banking transaction. To store this number, refer to “Memory Store” on page 18.

For example, if your bank’s telephone number is stored in memory location 3, and your account number is stored in memory location 4:

1. Press **mem**.
2. Enter **0oper 3def**.
3. At the appropriate time, press **menu 0oper 4ghi menu**.

The phone sends the number and you may proceed with your transaction.

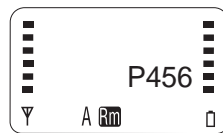
To Enter a Pause

1. Press **1 2abc 3def end 4ghi 5jkl 6mno**.

When you press **end**, a **P** displays.



2. Press **send** to dial **1 2abc 3def**.



3. Press **send** again to dial **4ghi 5jkl 6mno**.

Entering Characters

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

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

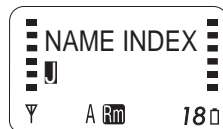
Example: To store the letter L, press **5** **JKI** **5** **JKI** **5** **JKI** .

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.



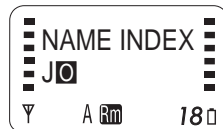
2. Press **5/kl**.



3. The cursor moves to the next position after 1 second. During letter entry, you can press **#** or ***** to move the cursor right or left respectively.



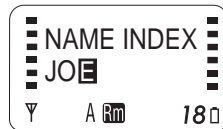
4. Press **6/mno** **6/mno** **6/mno**.



5. Press **#** to move to the next space.



6. Press **3/def** **3/def**.



7. Press **mem** to store in memory.

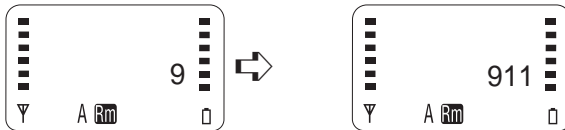


Dialing the Emergency One-Touch Number

Note: The Emergency One-Touch Number is factory preset at **911**.

To Dial the Emergency One-Touch Number

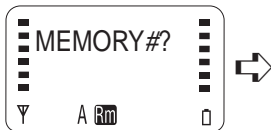
1. Make sure the power is on, and press and hold **9** for about 1 second.



2. Press **end** to hang up.

Memory - Phone Number Review

1. Press **mem**.



2. Press **▲** / **▼**.



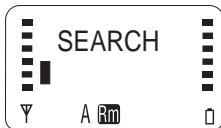
3. To Auto Scroll, press and hold either **▲** / **▼**. A new number displays every half second.



Memory - Search



Alpha

1. Press , .





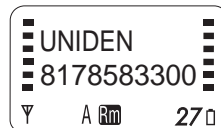
2. Enter part of the name.
(See page 22 for letters.)



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



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







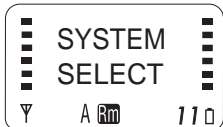
5. To call name shown, press **send**.

PCD2000A Setup





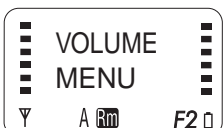
Use these menus to set up the features of the **PCD2000A**.

Press  **1**   *Chooses System Menu.*

The screen shows "SYSTEM MENU" with a vertical bar on the left and right. At the bottom, it displays "F1" and a speaker icon.

Press   /    *System Select.*





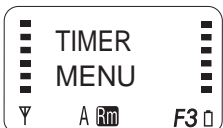
The screen shows "SYSTEM SELECT" with a vertical bar on the left and right. At the bottom, it displays "11" and a speaker icon.

Press  **2**  /    *Chooses Volume Menu.*





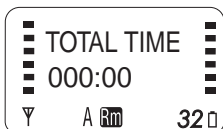
The screen shows "VOLUME MENU" with a vertical bar on the left and right. At the bottom, it displays "F2" and a speaker icon.

Press   /    *Earpiece Speaker Volume.*

The screen shows "EARPIECE VOLUME" with a vertical bar on the left and right. At the bottom, it displays "22" and a speaker icon.

Press  **3**  /    *Chooses Timer Menu.*

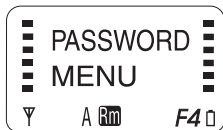
The screen shows "TIMER MENU" with a vertical bar on the left and right. At the bottom, it displays "F3" and a speaker icon.

Press   /    *Total Call Timer.*

The screen shows "TOTAL TIME" with a vertical bar on the left and right. The time "000:00" is displayed in the center. At the bottom, it displays "32" and a speaker icon.



Press
 



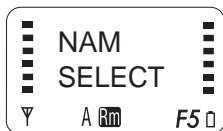
*Chooses
Password Menu.*

Press



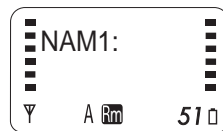

*Change
Password.*

Press
 



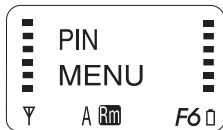
*Chooses NAM
Select.*

Press

NAM #1 Select.

Press
 



*Chooses PIN
Menu.*

Press



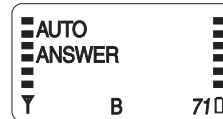

*Enter PIN
Number.*

Press
 



*Chooses
Headset Menu.*

Press

*Chooses
Auto-Answer
Function.*



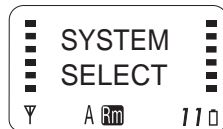
Setting Systems for the PCD2000A

If the “**NSVC**” indicator appears, you may be out of your service area, or your system may not be set correctly. (See page 35 for more information.)

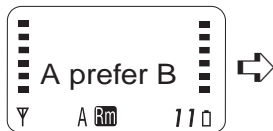
1. Press **menu** **1**.



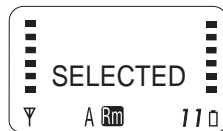
2. Press **menu** again. Then, press **▲** / **▼** to see other options.



3. Now, press **menu** to select a system option.



4. Press **menu** once more to store any change. Or, to cancel and return to Standby, press **end** or **clear**.



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 **menu**.

Note: Press **▲** / **▼** to see other volume settings.



3. Select a volume and press **menu**.



4. Press **▲** for higher volume, or **▼** for lower volume.



5. Press **menu** to store the change. Or, to cancel and return to Standby, press **end** or **clear**.



Setting Call Timers

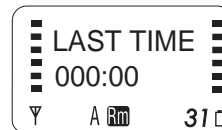
LAST CALL: Shows length of the last call made or answered (in minutes and seconds).

TOTAL CALL: Shows total length of all calls made or answered.

1. Press **menu** **3def**.

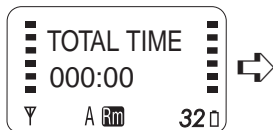



2. Press **menu** again. Then, press **▲** / **▼** to select timer function.

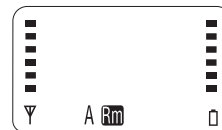


3. Press .

Display shows total length of all calls made or answered.



4. Press  to return to Standby. To reset the Total Call Timer, see the next section.



Note: *The Last Call Timer is reset each time you make or answer a call.*

To reset the Total Call Timer

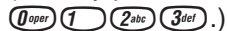
1. Press



2. Press .



3. Enter the password.
(Factory preset is

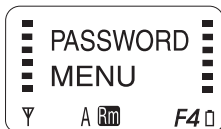


4. To reset, press . To cancel and return to Standby, press any other key.

Setting the Password

Set your own password to prevent unauthorized changes in your call timer.

1. Press **menu** **4 ghi**.



2. Press **menu**.
To cancel and return to Standby, press **clear**.



3. Press **menu**.

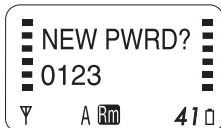


4. Type your password.
(Factory preset is **0oper 1 2abc 3def**.)

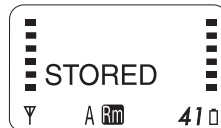


5. Type your new password.
For example, enter

1 **2abc** **3def** **4 ghi**.



6. Press **menu**.



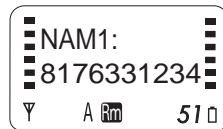
Selecting Number Assignment Modules (NAM)

NAMs prevent unnecessary long distance or ROAM charges. Your service provider can register two NAMs in the **PCD2000A**. (See page for more information.)

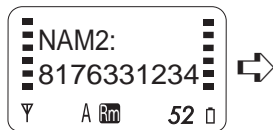
1. Press **menu** **5**.



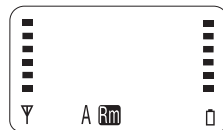
2. Press **menu**.
The current NAM is shown.



3. To see the other NAM,
press **▲** / **▼**.



4. To select the NAM
shown, press **menu**.
To cancel and return to
Standby, press **end** or **clear**.



Activating the Anti-Fraud Feature

The Anti-Fraud feature is designed to prevent unauthorized use of your Cellular Phone Number.

1. Press **menu** **6**.



2. Press **menu**.




3. Press .



4. Press .



5. Press .



To Enter Your Personal Identification Number (PIN)

1. Press  .



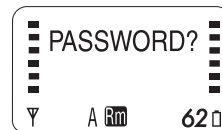
2. Press .



3. Press .



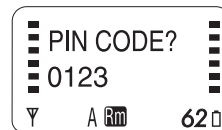
4. Press .



5. Enter your password.
Factory preset is 0123.



6. Enter the new PIN.
For example, enter
1 **2 abc** **3 def** **4 ghi**.



7. Press **menu**.



Advanced Functions

When you travel, your **PCD2000A** has several advanced functions that can put your cellular 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 26.

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 or NAM 2).

System Selection

When you re 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

A TO B B TO A

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, **NSVC** is displayed. If you are in a system 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, **NSVC** 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 and forth manually, reducing the chances of missing calls. However, you may incur double roaming charges.

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 need to dial 1 first), then the rest of the phone number. Keep in mind that calls to your Home area may incur long distance charges.

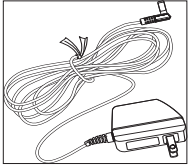
Other areas will require advanced registration. with a major credit card, or may require that all long distance calls be dialed using a telephone credit card or other charge method (collect, third telephone number). Your cellular service company can give you the information before you make the trip. 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.

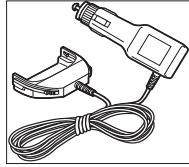
SID (System Identification)

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 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.)

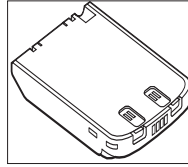
Optional Accessories and Replacement Parts



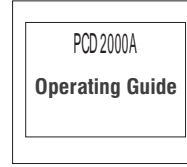
Standard Charger
AD267



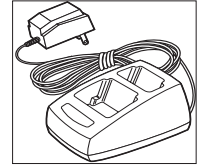
Battery
Eliminator/Charger
PCD1004



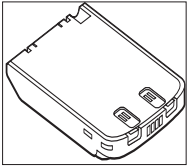
600mAh NiCd
Standard Battery
PCD600Ni



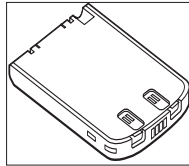
Operating Guide



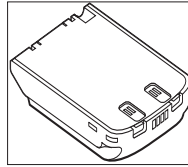
Quick Charger
Dual port
PCD1085



850 mAh
NiCd Rechargeable
Battery PCD1080



850mAh Slim
Nickel-Metal
Hydride Battery
PCD1087



1200 mAh
Extended Life
Battery PCD1086

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 +/- 10% (as supplied by specified battery eliminator or battery charger accessory)
Battery Drain:	Standby 45 mA (Typical), (approx. 15 hours) TX 440 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.

One Year Limited Warranty

ONE YEAR LIMITED WARRANTY, BATTERY & ACCESSORIES 90 DAYS

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. 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 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.

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

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