

		
<p>uniden[®] Bearcat[®]</p>		<p>BC 200_{XLT}</p>
<p>200 CHANNEL PROGRAMMABLE HAND HELD SCANNER</p>		
		<ul style="list-style-type: none"> • 200 CHANNELS • 12 BAND COVERAGE • CRYSTAL FREE • AUTOMATIC SEARCH • PRIORITY CHANNEL • SELECTIVE SCAN DELAY • DISPLAY LIGHT • AUTOMATIC LOCKOUT • TRACK TUNING • DIRECT CHANNEL ACCESS

OPERATING GUIDE

Installation

Introduction

Welcome to the exciting world of hand held radio scanners. State-of-the-Art engineering and microelectronics provide programmable operation and dependability while minimizing size and power consumption. The keyboard allows you to program any VHF or UHF frequency on all 200 channels; and to control Scan, Lockout, Priority, Delay, Hold, Weather Search and Channel Bank selection as well as the programmable search functions. There is also a keyboard lock function to prevent accidental reprogramming of the unit. An LCD display provides frequency and operation information. There is a built-in light for night time use. The detachable NiCad battery pack provides hours of monitoring and recharges overnight. The case is designed to withstand the tough requirements of the hand held environment, and is built of high impact ABS plastic. There is also a leather case (included) to further protect this scanner. Please read this guide throughly before attempting to operate the unit.

Warning: Uniden does not represent this unit to be waterproofed. To reduce the risk of fire, electrical shock or damage, do not expose this unit to rain or moisture.

Note: The use of a scanner in a vehicle may be regulated or prohibited in some states. Check with your local authorities before operating a mobile scanner.

Unpacking

Carefully remove all items from the shipping carton. If there is any visible damage or an item appears to be missing, do not return the unit to the place of purchase. Please call the Uniden Customer Service Center for information or instructions on any problem you may have: (317) 842-2483 8am-5pm EST, Monday-Friday. The following items are included with your BC 200XLT:

- Bearcat Scanner
- AC Adaptor/Charger
- Flexible Antenna
- Carrying Case
- Earphone
- Rechargeable Battery Pack
- Operating Guide including Registration Card (cut out, fill in, and return)

Please keep the shipping carton and packing materials. This carton serves as an excellent method to transport the scanner.

Rechargeable Batteries

The BC 200XLT comes with a rechargeable NiCad battery pack. When fully charged this power supply will provide up to 5 hours of dependable use. To install the battery pack, simply slide it on to the bottom of the scanner.

When the batteries become low, simply plug the AC Adaptor/Charger into the jack on the rear of the battery pack and charge overnight. It is important to periodically allow the batteries to discharge completely to maintain full operating capability. See the Battery Maintenance section of this guide.

Warning: Turn the ON/OFF Volume switch OFF before attaching or detaching the battery pack.

To remove the battery pack from the unit, simply slide it to the left.

Warning: Do not allow the terminals of the battery pack to be shorted. Fire or serious injury may result. Do not place the battery pack in your pocket where keys or other metal objects, etc., may short out the battery terminals.

Flexible Antenna Installation

The BC 200XLT includes a flexible antenna for handheld use. Put the antenna onto the BNC connector on the top of the scanner and turn the antenna connector clockwise 1/4 turn to lock it on. Under normal conditions this antenna should provide excellent reception. However, factors such as location within your home, and proximity to electrical appliances may determine reception quality. For weak signal reception or electrically noisy locations, an external antenna may be helpful. A mating plug (optional) may be required to connect an external antenna.

AC Adaptor

The BC 200XLT can be powered by the AC Adaptor included with the scanner which converts standard household current to 12V DC. Plug the small connector of the AC Adaptor into the jack in the back of the radio marked DC 12V. Plug the other end into any standard 120V AC household outlet.

Note: Please be sure to use only model AD-140U AC Adaptor/charger, or the model PS-001 Cigarette lighter adaptor (optional), as higher voltage, or reverse polarity may damage your unit.

Memory Backup

Frequencies maintained in the BC 200XLT memory are protected from loss by a built-in capacitor which protects the memory for up to 30 minutes when you are replacing the batteries.

Controls and Functions

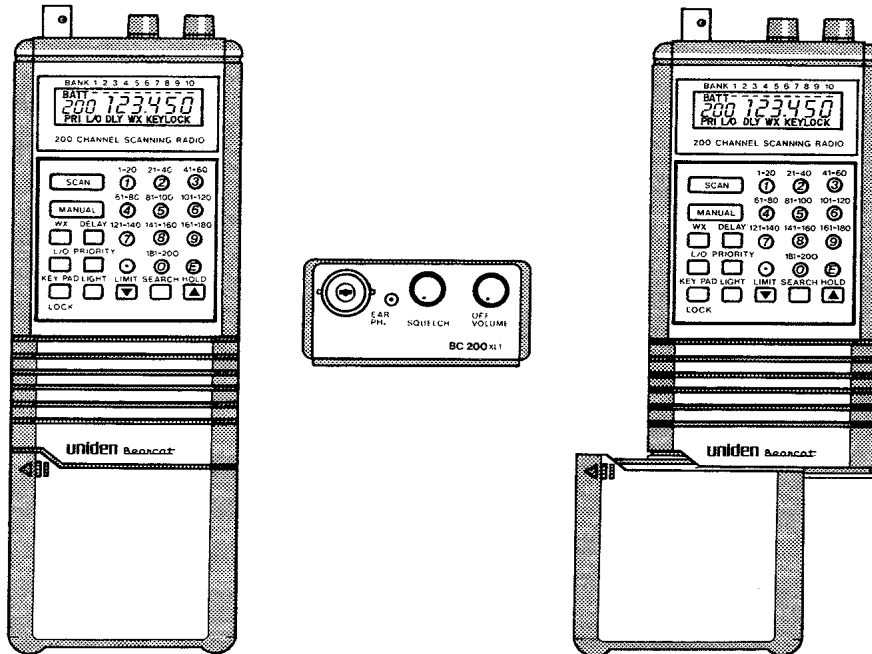
Controls and Functions

- 1. On/Off, Volume** - Turns the unit on, or off, and controls the audio output level.
- 2. Squelch** - Eliminates the annoying "rushing" sound that is present between transmissions when no signal is being received. Proper adjustment of this control keeps the receiver quiet and allows scanning until a signal is received.
- 3. Scan** - Press to start scanning all frequencies programmed into memory that are not locked out.
- 4. Manual** - Press to stop scanning. Press again to manually step to the next channel. Press and hold to rapidly step through the channels. Press the channel number and then the manual key to go directly to a specific channel.
- 5. Priority** - The priority key samples the first channel of each selected bank every two seconds regardless of other operational settings. Priority function will be retained in memory.
- 6. Hold** - Press to stop and hold the search function on the current frequency. Press again to manually step up to the next frequency. Press and hold to rapidly step up through the search frequencies.
- 7. LCD Display** - The LDC display shows the channel number and frequency, the selected bank(s), priority, lockout, delay, weather, keypad lock, and low battery indications.
- 8. Weather Search** - The weather key searches all seven NOAA weather frequencies until it locks on the one that is active in your area.
- 9. Delay** - The delay key provides a 2 second delay on any channel to receive a reply transmission on the same frequency before resuming search or scan. Delay is retained in memory.
- 10. Limit** - Enter the low and high limits of the search range. Press to manually step the search frequency down. Press and hold to rapidly step the search frequency down.
- 11. Search** - Press to search for new active frequencies within preset ranges of any band.
- 12. Lockout** - Press to lockout the reception of frequencies on selected channels during scanning. Lockout is retained in Press again to deselect lockout.
Note: Channel 1 cannot be locked out if priority has been selected. All other priority channels may be locked out.
- 13. Numeric Keypad** - ("0-9" and ".") Used to program all frequencies into memory and for direct channel access. During the scan mode these keys are utilized to select or deselect any of the 10 memory banks.
- 14. Enter** - The "E" key is used to enter frequencies into the scanning memory.
- 15. Keypad Lock** - This unique feature is used to lock the keypad to prevent accidental entries. To lock the keypad, press once. To unlock, press again.
- 16. Light** - Press to turn the display light on for 15 seconds. Pressing this button again while the light is on will turn it off.
- 17. Earphone** - The earphone jack allows you to use an earphone for privacy or in case of a high noise environment.

CAUTION

When your unit has not been used for a longer period of time, it can fail to operate at first power up. Please try to reset the power switch again and see that it operates perfectly!

Operation



The BC 200XLT has 200 memory channels, each of which can be programmed to store one frequency. The channels are divided into 10 — 20 channel banks, useful for storing similar frequencies in order to maintain faster scanning cycles. When scan is pressed, each of the programmed frequencies within a selected bank will be sampled for a transmission (locked channels will be skipped) at the rate of about 15 channels per second. If an active frequency is found the unit will stop and monitor that frequency until there is no longer any activity. A two second delay can be added to each channel and will allow the unit to monitor the frequency for a return or continued transmission. If, after two seconds, the frequency remains inactive, the scanning cycle will resume.

When the unit is first turned on, each channel will contain "000.000". When new frequencies are programmed, the old will be erased. If an invalid frequency is entered, "Error" will be displayed and the old frequency will return.

To operate the scanner make sure that the batteries are charged or power is correctly connected to the unit. Turn the volume control on and adjust the desired level. Adjust the squelch by turning the knob fully clockwise until a rushing sound is heard. Turn the knob back until the receiver is silent. After the channels have been programmed, operation is simple. Press the scan key to scan all the channels. While the receiver is scanning channels, pressing one of the number keys will turn a bank of 20 channels on or off. The black lines at the top of the LCD display show you which banks are selected. If a bank is already selected, (shown by a black line under the bank number) pressing the corresponding button will deselect that bank. Press the manual key to stop scanning. Repeatedly pressing the manual key will step through the channels in order.

LCD Display

The BC 200XLT has a backlit display which shows the current channel and frequency as well

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as other operational modes. When the unit is scanning, the channel number will rapidly advance while the frequency display will go blank. When the scanner is stopped the current channel and frequency will again be displayed. When frequencies are programmed the display will show the digits as they are entered. The display will also show "PRI" when the priority mode is on, "L/O" whenever a channel appears that has been locked out, and "DLY" whenever a channel has been programmed for delay. Across the top of the display, a series of dashes under the numbers 1-10 will be present. These are the bank indicator numbers. These are selected or deselected during the scan sequence by the use of the numeric pad.

Programming

To program a frequency into a channel, press the digits of that frequency including the decimal point and then, press the enter key. If an invalid frequency is entered, the display will show "Error". To change a frequency enter the new one and the old one will be erased.

To program 162.550 into channel 2:
Press 2MAN Press 162.550E

To program 471.2375 into channel 7:
Press 7MAN Press 471.2375E

Multiple Entries - When you press the "E" key to enter the same frequency in a different channel the LCD will show the channel number of the current frequency "Ch 45". If you want to repeat that frequency in the new channel press the "E" key again. That frequency will now be programmed in both channels. You can repeat a frequency as many times as desired.

Features

The following is a brief description of the operational features of the BC 200XLT.

Manual Channel Selection - To manually select a channel press the manual key repeatedly until the desired channel number appears in the display. If you have deselected any of the banks it will be impossible to access any of those channels manually until you have selected the particular bank in which your channel exists. Press and hold the manual key to rapidly step through the channels.

or

Press the channel number you wish to access, then press the manual key. The scanner will automatically advance to the desired channel regardless of the bank status.

Lockout - Select the channel to be skipped. Press the lockout key. The lockout indicator will appear in the display whenever that channel also appears. To take lockout off press the lockout key on that channel.

Note: If priority is selected, channel 1 will not be able to be locked out. All other priority channels may be locked out.

Priority - When it is important to keep track of the activity on one frequency while listening to others, the priority function should be used. Program the important frequency into the first channel of any bank. Press the priority key to activate the priority function. Every 2 seconds the unit will check the first channel of all selected banks for activity (the priority indicator will appear in the display). If a transmission is found the unit will monitor that channel. If no signal is found, the unit will return to the previous channel and function. Press the priority key again to turn off the priority function.

Search - Use the search mode to look for new active frequencies within the bands of your scanner.

Enter the lower limit frequency on the keypad and press the limit key;

Enter the higher limit frequency and press the limit key again;

These two frequencies set the range that the unit will search. Press the search key to start searching. If an active frequency is found the scanner will stop to monitor the signal. Press the hold key to hold the search on this frequency. Press the hold key again to step up to the next frequency or press the limit key to step down to the previous frequency.

If you press and hold down either the Hold or Limit keys, you will rapidly step through the search frequencies. (Step up with the Hold key, and step down with the Limit key.) When the signal stops or if you press the search key, the unit will continue searching. Press the manual key to leave the search mode.

Low Battery Indicator

The BC 200XLT has a low battery indicator to let you know when your battery needs to be recharged. When the BATT indicator on the LCD display starts to blink, it means that the battery pack needs to be charged. After the low battery indicator has been blinking for about ten minutes, the scanner will shut itself off to prevent the batteries from becoming completely discharged. See the section of this manual on Battery Maintenance for more information.

Helpful Hints

Helpful Hints

The BC 200XLT is a high quality electronic radio receiver. The following hints should help you understand and enjoy your unit.

1. Make sure the unit is turned off before removing the battery pack. You may want to record the programmed frequencies before doing this in case memory is lost.
2. If memory is lost, simply reprogram each channel. Memory loss will be indicated by unfamiliar frequencies in each channel.
3. If strong interference or electrical noise is received, you may need to relocate your scanner. A higher elevation such as the second floor may provide better reception. An external antenna may also be required.
4. Whenever the keypad is used it is important to press firmly on the center of each key.
5. Do not use the scanner in high moisture environment such as the kitchen or the bathroom.
6. Clean the outside of the cabinet with a mild detergent. Do not use abrasive cleansers or solvents. Be careful not to rub LCD window area.
7. There are no user serviceable parts inside with the exception of the battery pack. Do not attempt any repairs except replacing batteries.

Battery Maintenance

NiCad batteries can develop a condition known as "memory". This condition can limit the amount of battery power available. To avoid this condition, the following battery maintenance steps should be practiced:

1. Every 2 - 3 months the scanner should be left on to drain all battery power. Be sure to write down the programmed frequencies for reprogramming when the batteries are charged.
2. Recharge the batteries for 14 - 16 hours to insure a full charge.
3. Do not leave the charger plugged in for long periods of time. Do not recharge the unit unless it needs it.

Trouble Shooting

If your BC 200XLT is not performing up to your expectations, try the steps listed below. If you cannot get satisfactory results please call the Uniden Customer Service Center for assistance:

(317) 842-2483 8am - 5pm EST, Monday-Friday.

1. Scanner is not working properly.
 - A. Check the power connections.
 - B. Check the volume and squelch.
 - C. Make sure programming is correct.
2. Signal is weak or distorted.
 - A. Check antenna connection.
 - B. Check proper frequencies.
 - C. Make sure frequency is active.
3. Improper reception.
 - A. Check proper frequencies.
 - B. Reposition radio.
 - C. Check antenna connection.
4. Scan won't stop.
 - A. Check squelch adjustment.
 - B. Check proper frequencies.
 - C. Check antenna connection.
 - D. Check lockout.
5. Incomplete reception.
 - A. Fringe area of reception.
 - B. Check squelch adjustment.
6. Keypad won't work.
 - A. Check keypad lock switch.
7. Priority won't work.
 - A. Check squelch adjustment.
 - B. Improper frequency in Channel 1.

Optional Accessories

The following accessories are available for your BC 200XLT at your local Uniden Dealer or from the Uniden Customer Service Center:

(317) 842-2483 8am-5pm EST, Monday-Friday.

PS-001 Vehicle Power Cord - This power cord is designed for use with the BC 200XLT in a vehicle. This heavy duty cord comes complete with a cigarette lighter connector and fuse.

AD-140U Replacement AC Adaptor

AT-094 Flexible Antenna - Replacement antenna for the BC 200XLT.

BP-200 Extra Battery Pack - For heavy use get an extra battery pack for your BC 200XLT. Then, one can be charging while the other is in use.

Specifications

Betty Bearcat Frequency Directory - You can get much more out of your scanner with one of the Betty Bearcat Frequency Directories. Tens of thousands of verified frequencies for police, fire, emergency, aircraft, railroad, and many other services. When you turn to your local area you will find new active frequencies full of exciting action. There is a directory for the eastern states and western states, and a local frequency listing.

FBE - Eastern USA including all areas in the eastern time zone.

FBW - Western USA including central and western time zones.

LFL - Local listing of active frequencies in your area only.

Note: The use of a scanner in a vehicle may be regulated in some states. Check with your local authorities before operating a mobile scanner.

Specifications

Band Coverage:	11 Bands + Weather
Frequency Range:	10 Meter "Ham" 29.0-29.7 MHz
	Low Band 29.7-50.0MHz
	6 Meter "Ham" 50.0-54.0 MHz
	Aircraft 118-136 MHz
	Military Land Mobile 136-144 MHz
	2 Meter "Ham" 144-148 MHz
	High Band 148-174 MHz
	Federal Government 406-420 MHz
	70cm "Ham" 420-450 MHz
	UHF Band 450-470 MHz
	"T" Band 470-512 MHz
	800 Band 806.0000-823.9875 MHz
	849.0125-868.9875 MHz
	894.0125-956.0000 MHz
Channels:	200 Channels (10-20 channel banks)
Scan Speed:	15 channels per second (scanning)
	25 frequencies per second (search mode)
Display:	Illuminated Liquid Crystal
Power Requirement:	12V DC (internal battery, AC Adaptor or vehicle adaptor)
Sensitivity:	29-54 & 136-174 MHz = 0.4 microvolts
(nominal)	118-136 MHz = 0.8 microvolts (60%AM)
(12dB SINAD)	406-512 MHz = 0.5 microvolts
	806-956 MHz = 1.0 microvolts
Selectivity:	-55dB @ ± 25 KHz
Audio Output:	480 milliwatts maximum
Antenna:	flexible antenna included
Connectors:	antenna, earphone, DC power
Size:	2 1/4"W x 7 1/2"H x 1 1/4"D
Weight:	1 lb., 4 oz.

CAUTION

LIQUID CRYSTAL DISPLAY

Because of inherent limitations, liquid crystal displays should not be subjected to extremes of temperature or humidity. If the unit is exposed to temperature below -20° C (-5° F) or above +60° C (+140° F), the liquid crystal display may temporarily cease to function properly, and in some cases permanent damage may result. It is, therefore, recommended that the radio not be subjected to extreme conditions, such as a closed automobile in direct sunlight or continuous sub-zero temperatures.

NOTICE FOR ALL UNIDEN SCANNER PRODUCTS

The installation, possession or use of this scanning radio in a motor vehicle may be prohibited, regulated, or require a permit in certain states, cities, and/or local jurisdiction. Your local law enforcement officials should be able to provide you with information regarding the laws in your community.

Certified in accordance with FCC rules and regulations part 15 as of date of manufacture.

Specifications are typical and subject to change without notice.

Frequency

Birdies

All radios are subject to receiving undesired signals. If the BC 200XLT stops during scan mode and no sound is heard, it may be receiving a "Birdie". Birdies are internally generated signals inherent in the electronics of all the receivers. Press the Scan key to continue scanning.

Frequency Allocations

Because of the short-range nature of VHF and UHF communications, frequencies allocated to services in one geographical location will not be heard more than 25-50 miles distance (an exception is "skip" when signals bounce back to earth from the ionosphere). For this reason a separate frequency directory must be compiled for each local monitoring area.

Most standard frequency separations and classifications are regulated in the United States by the FCC. Block allocations and even some discrete frequencies covered by your scanner are shown below. These frequencies are not necessarily active in your area. Uniden provides an eastern or western regional directory and a local listing of active frequencies. See the Optional Accessories section for more information.

Abbreviations

The following is a list of abbreviations used to identify the organizations in the frequency allocations.

Police	..... P.D.
State Police	..... St. P.D.
Fire Department	..... F.D.
Special Emergency	..... Sp. Emer.
Highway Maintenance	..... Hwy.
Forestry-Conservation	..... Fors. Cons.
Government	..... Govt.
Local Government	..... L. Govt.
Business Radio	..... Bus.
Manufacturers	..... Mfg.
Broadcast Remote	..... BC, R
Mobile Telephone	..... Mob. Tel.
Radio Paging	..... Page.
Special Industrial	..... Sp. Ind.
Motion Picture	..... Mot. P
Power Utilities	..... Power
Petroleum	..... Pet.
Forest Products	..... For Prod.
Railroad	..... R.R.
Automobile Emergency	..... Auto Emer.
Red Cross	..... Red Cross
U.S. Weather Bureau	..... U.S.W.B.
U.S. Coastal & Geodetic Survey	..... U.S.C.G.S.
National Parks	..... Nat. Pk.
Indian Affairs	..... Bur.Recl.
Bureau of Reclamation	..... Bur.Recl.
Department of Agriculture & Forestry	..... Agr. & For.
Land Transportation	..... Land. Tr.

Frequency Allocations

29 MHZ BAND

29.00 - 29.70	..... 10 HAM
29.70 - 29.80	..... For. Prod.
29.80 - 30.00	..... Aero
30.01 - 30.56	..... Govt.
30.56 - 30.62	..... Sp. Ind.
30.66 - 31.24	..... Ind. (Pet., Fors. Cons. Bus., For. Prod.)
31.26 - 31.98	..... Sp. Ind., Fors. Cons.
32.00 - 33.00	..... Govt.
33.02 - 33.16	..... Hwy. Sp. Emer., Bus.
33.18 - 33.38	..... Pet.
33.42 - 33.98	..... F.D.
34.00 - 35.00	..... Govt.
35.02 - 35.18	..... Bus.
35.22 - 35.66	..... Mob. Tel. & Page
35.70 - 35.73	..... Bus.
35.74 - 35.98	..... Sp. Ind. & Bus.
36.00 - 37.00	..... Govt.
37.02 - 37.44	..... F.D., P.D. & L. Govt.
37.45 - 37.86	..... Power
37.90 - 37.98	..... Hwy. & Sp. Emer.
38.00 - 39.00	..... Govt.
39.02 - 39.98	..... P.D., L. Govt.
40.00 - 42.00	..... Govt.
42.02 - 42.94	..... St. P.D.
42.96 - 43.18	..... Sp. Ind. & Bus.
43.22 - 43.68	..... Mob. Tel., Page
43.70 - 44.60	..... Trucks, Bus.
44.62 - 45.06	..... St. P.D., Fors. Cons.
45.08 - 45.66	..... P.D.
45.68 - 46.04	..... P.D., Hwy., Sp. Emer.
46.06 - 46.50	..... F.D.
46.52 - 46.58	..... P.D., L. Govt.
46.60 - 47.00	..... Govt.
47.02 - 47.40	..... St. Hwy.
47.42 -	..... Red Cross
46.44 - 47.68	..... Sp. Ind., Sp. Emer.
47.70 - 48.54	..... Power
48.56 - 49.58	..... L. Govt., Pet
49.60 - 50.00	..... Govt.
50.00 - 54.00	..... HAM

118 - 174 MHz BAND

118.000 - 135.975	..... Aero
136.00 - 144.00	..... Govt.
146.000 - 148.000	..... HAM
148.010	..... MARS
148.150	..... CAP
148.155 - 148.20	..... MIL
148.290 - 150.750	..... USN
150.815 - 150.995	..... Bus.
151.010 - 151.130	..... Hwy.
151.145 - 151.475	..... Fors. Cons.
151.505 - 151.595	..... Sp. Ind.
151.625 - 151.955	..... Bus.
151.985 - 152.240	..... Mob. Tel. (RCC)
152.270 - 152.450	..... Taxi
152.480 - 152.840	..... Mob. Tel. & Page
152.870 - 152.020	..... Sp. Ind., Mot. P.
153.050 - 153.440	..... Pet., For. Prod.
153.470 - 153.710	..... Power
153.740 - 154.115	..... F.D., L. Govt.
154.130 - 154.445	..... F.D.
154.450 - 154.600	..... Sp. Ind., Pet., Bus.
154.655 - 155.145	..... P.D., L. Govt., St. P.D.
155.160 - 155.400	..... Sp. Emer., P.D.
156.045 - 156.240	..... L. Govt., Hwy., P.D.
156.275 - 157.425	..... Marine
157.456 - 157.500	..... Auto. Emer.

Allocations

Frequency Allocations

157.530 - 157.710	.....	Taxi
157.740 - 158.100	.....	Mob. Tel., & Page
158.130 - 158.460	.....	Power, For. Prod., Pet.
158.490 - 158.700	.....	Mob. Tel. (RCC)
158.730 - 158.970	.....	P.D., L. Govt.
158.985 - 159.210	.....	P.D., Hwy.
159.225 - 159.465	.....	Fors. Cons.
159.510 - 160.200	.....	Trucks
160.215 - 161.565	.....	R.R.
161.600 - 162.000	.....	Marine
162.028 - 162.175	.....	Bur. Recl.
162.400	.....	U.S.W.B.
162.475	.....	U.S.W.B.
162.550	.....	U.S.W.B.
163.125	.....	Indian Affairs
163.175	.....	Bur. Recl.
163.275	.....	U.S.W.B.
163.388 - 163.538	.....	MIL
163.825 - 163.975	.....	Govt.
164.025 - 164.075	.....	U.S.C.G.S.
164.175 - 165.188	.....	Fur. Recl., Nat. Pk., Govt., Agr. & For.
169.300	.....	F.A.A.
169.450 - 169.725	.....	Nat. Pk., Ind., Data
170.150	.....	F.D., BC, R.
170.200 - 170.220	.....	U.S.C.G.S.
170.225 - 170.325	.....	Ind., Land Tr.
170.425 - 170.575	.....	Fors. Cons.
170.975 - 171.250	.....	Govt., Sp. Ind. & Land Tr.
171.388 - 172.725	.....	Bur. Recl., Fors. Cons., Ind., Dept. Ag. & For., Govt.
172.775	.....	Nat. Pk.
173.025	.....	U.S.W.B.
173.075	.....	U.S.C.G.S.
173.204 - 173.375	.....	Press Relay, Mot. P., Pet., Bus. Recl.

406 - 512 MHz BAND

406.00 - 420.000	.....	Govt.
420.000 - 450.000	.....	HAM
450.050 - 450.950	.....	Remote Br.
451.200 - 451.50	.....	Util.
451.175 - 451.750	.....	For. Prod., Pet., Power, Tel. Maint.
451.775 - 451.975	.....	Spec. Ind.
452.00 - 452.500	.....	Taxi, Motor Carrier & R.R.
452.525 - 452.600	.....	Auto Club
452.625 - 452.975	.....	BC, R., Motor Carrier & R.R.
453.000 - 453.975	.....	L. Govt., P.D., & F.D.
454.000 - 454.975	.....	Mob. Tel. & Page
455.000 - 455.975	.....	Remote Br.
456.000 - 458.975	.....	P.D., F.D. Ind., Land Tr.
459.000 - 459.975	.....	Mob. Tel., Page, & Domestic Public
460.000 - 460.625	.....	P.D., F.D.
460.650 - 462.175	.....	Bus.
462.000 - 462.450	.....	Taxi.
462.550 - 462.725	.....	C.B.
462.750 - 462.975	.....	Bus.
463.000 - 463.175	.....	Medical
463.200 - 464.975	.....	Bus.
465.000 - 467.500	.....	P.D., F.D. Sp. Ind., & Land Tr.
467.5375 - 467.7375	.....	C.B.
467.7375 - 467.925	.....	Pub. Safety Ind., & Land Tr.

Frequency Allocations

In some large metropolitan areas, 1 or 2 channels of the "TV Band" (470 MHz to 512 MHz) are used for communication purposes. Each TV station (channels 14 through 20) utilizes 6 MHz:

470 - 476 TV	Channel 14
476 - 482 TV	Channel 15
482 - 488 TV	Channel 16
488 - 494 TV	Channel 17
494 - 500 TV	Channel 18
500 - 506 TV	Channel 19
506 - 512 TV	Channel 20

Where these frequencies are assigned for communication purposes, in lieu of a TV station, the 6 MHz segment is allocated as shown here for channel 14 (470 - 476 MHz).

470.0125 - 470.2875	.....	Domestic Public (Base, Mob.)
470.3125 - 471.1375	.....	Public Safety
471.1825 - 471.2875	.....	Reserve Pool A
471.3125 - 471.4125	.....	Pwr., Te. Maint.
471.4375 - 471.6375	.....	P.D., Spec. Ind.
471.6825 - 471.7875	.....	Reserve Pool B
471.8125 - 472.3375	.....	Bus.
472.3825 - 472.4375	.....	Taxi
472.4675 - 472.7875	.....	R.R., Motor Carrier, Auto Emer.
472.8125 - 472.9875	.....	Pet., For. Prod., Mfg.
473.0125 - 473.2875	.....	Domestic Public
473.31235 - 474.1375	.....	Publis Safety
474.1825 - 474.2875	.....	Reserve Pool A
474.3125 - 474.4125	.....	Power, Tel., Maint.
474.4375 - 474.6375	.....	Spec. Ind. (Mobile)
474.6825 - 474.7875	.....	Reserve Pool B
474.8125 - 475.3375	.....	Bus.
475.3625 - 475.4375	.....	Taxi
475.4625 - 475.4875	.....	R.R., Motor Carrier, Auto. Emer.
475.8125 - 475.9875	.....	Pet., For. Prod., Mfg.

The same allocation pattern is repeated for each of the TV channels 14 through 20. For example, if channel 17 is assigned for communications in our area, "Taxi" would be 490.3625 to 490.4375 and 493.3625 to 493.4375 (corresponding to 472.3625 to 472.4375 and 475.3625 to 475.4375 above). Note that in the example, we added three TV channels (18 MHz to the channel 14 frequencies).

806 - 947 MHz BAND

806.000 - 816.000	.....	Domestic Public (Mobile)
816.000 - 821.000	.....	Mobile Trunking
851.000 - 861.000	.....	Domestic Public (Base)
861.000 - 866.000	.....	Base Trunking
902.000 - 928.000	.....	Industrial Scientific

Warranty

uniden[®]
Bearcat[®]

ONE YEAR LIMITED WARRANTY

WARRANTOR: Uniden America Corporation (UNIDEN[®])

ELEMENTS OF WARRANTY: UNIDEN[®] warrants, for the duration of this warranty, UNIDEN[®] Bearcat Scanners (hereinafter referred to as the Product) to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty shall terminate and be of no further effect one (1) year after the date of the original purchase of the Product or at the time the Product is (A) damaged or not maintained as reasonable and necessary, (B) modified, (C) improperly installed, (D) repaired by someone other than warrantor for a defect or malfunction covered by this warranty, (E) used in a manner or purpose for which the Product was not intended, or (F) sold by the original purchaser.

STATEMENT OF REMEDY: In the event that the Product does not conform to this warranty at any time while this warranty is effective, warrantor shall repair the defect and return it to you without charge for parts, service, or any other costs incurred by warrantor or its representatives in connection with the performance of this warranty. **THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OF 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.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: In the event that the Product does not conform to this warranty, the Product shall be shipped or delivered, freight prepaid, to warrantor at UNIDEN[®] SERVICE CENTER, 9340 Castlegate Dr., Indianapolis, IN 46256 with evidence of original purchase.

LEGAL REMEDIES: This warranty gives you special 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.

uniden[®]
AMERICA CORPORATION

PAT. UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENT NUMBERS:

3,873,924	3,883,808	3,961,261	3,962,644	3,974,452
3,987,400	3,996,521	3,996,522	4,000,468	4,027,251
4,057,760	4,092,594	4,100,497	4,114,103	4,123,715
4,157,505	4,179,662	4,219,821	4,270,217	4,398,304
4,409,688	4,455,679	4,461,036	4,521,915	4,627,100
RE 31,523				

OTHER U.S. AND FOREIGN PATENTS PENDING

UBUD011092D(SK)

Printed in The Philippines

uniden BC 200XLT PRODUCT REGISTRATION CARD

Thank you for choosing a Uniden® Personal Communications product. You have chosen one of the most sophisticated, technologically advanced electronic products available. Please fill out the requested information on this card so that we can better understand our customers and their needs. With this information we can plan new products, advertising, and guide our customer service programs. Thanks for your help.

1. Mr. 2. Mrs. 3. Ms. 4. Miss

5. First Name _____ 6. Initial _____ 7. Last Name _____

8. Street _____ 9. Apt. No. _____

10. City _____ 11. State _____ 12. Zip _____

13. Date of Purchase
Mo. Day Yr.

14. Serial No.

15. Is this the first **Beacon®** you have purchased or received as a gift?
YES NO

16. If NO, please specify brand and model number purchased.

A. _____
B. _____
C. _____

17. Where did you purchase the product?

- Department Store
- Discount Store
- Catalog Showroom
- Electronics Specialty Store
- Local Electronics Dealer
- Mail Order
- Gift
- Truck Stop

18. How did you become aware of this product?

- TV Advertisement
- Magazine Advertisement
- Newspaper Advertisement
- Store Display
- Friend's Recommendation
- Salesperson's Recommendation
- Previous Use

19. Please check two for the factors that most influenced your purchase of this product.

- Style or Appearance
- Price
- Uniden Reputation
- Warranty
- Previous Use
- Features
- Quality

20. Please check your age category

- Under 20
- 20-25
- 26-30
- 31-35
- 36-40
- 41-45
- 46-50
- 51-55
- 56-60
- 61-65
- 66-Over

21. Occupation

- Homemaker
- Teacher/Educator
- Professional Driver
- Executive/Administrator
- Civil Servant
- Sales/Marketing
- Clerical
- Farmer/Agriculture
- Military
- Technical/Professional
- Business/Professional
- Craftworker
- Machine Operator/Laborer
- Retired
- Student

22. Please check your approximate family income.

- Under \$10,000
- \$10,000-19,999
- \$20,000-29,999
- \$30,000-39,999
- \$40,000-49,999
- \$50,000-59,999
- \$60,000 & Over

CUT

PLACE
FIRST CLASS
STAMP
HERE

uniden®

**4700 Amon Carter Boulevard
Fort Worth, Texas 76155**

ATTN: PC MARKET RESEARCH DEPARTMENT

Please do not send any products or service related correspondence to this address

Please fold here

23. What types of credit cards do you use?

- American Express, Diners Club, Carte Blanche
- Bank Card (Master Card, Visa, etc.)
- Gasoline Card, Name _____
- Department Store Card
- None of the above

24. What type of car(s) do you drive?

- Compact
- Mid Size
- Sports
- Full Size
- Station Wagon
- Van
- Recreation Vehicle
- Specialty
- Motor Cycle
- Pick Up

25. What magazine(s) do you read?

- Road & Track
- Car & Driver
- Motor Trend
- Auto Week
- American Trucker
- Road King
- Playboy
- Sports Illustrated
- Penthouse
- Time
- Newsweek
- Popular Science
- Popular Mechanics
- Consumer Reports
- People

Thank you for taking the time to complete this questionnaire.
If you have any other comments or suggestions please write to:

UNIDEN AMERICA CORPORATION

**Product Development Dept.
4700 Amon Carter Boulevard
Fort Worth, Texas 76155**

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INSTRUCTIONS: Fill out both sides of card.
Fold on dotted line. Fold over flap and seal with glue or paste.
Affix postage and mail.

Please fold here

CUT