Uniden[®]

BC355N SCANNER

OWNER'S MANUAL

IMPORTANT INFORMATION

PRECAUTIONS

Before you use this scanner, please observe the following:

Warning

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

- ** These products contain Uniden proprietary information. Software, control codes, protocols and other such related matter may be the copyrighted work of Uniden America Corporation.
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THE FCC WANTS YOU TO KNOW

This scanner has been tested and found to comply with the limits for a scanning receiver, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This scanner generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this scanner does cause harmful interference to radio or television reception, which can be determined by turning the scanner on and off, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the scanner and the receiver This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
- 1. This device may not cause harmful interference, and
- 2. This device must accept any interference received, including interference that may cause undesired operation.

TABLE OF CONTENTS

IMPORTANT INFORMATION	2
PRECAUTIONS	2
Warning	
THE FCC WANTS YOU TO KNOW	
SCANNING LEGALLY	7
ABOUT YOUR NEW BC355N SCANNER	8
FEATURE SUMMARY	9
BAND PLANS	11
USA Band Plan	11
Canada Band Plan	
INCLUDED IN YOUR SCANNER PACKAGE	16
Optional Accessories	16
INSTALLING THE BC355N SCANNER	17
FOR HOME USE (DESKTOP INSTALLATION)	17
FOR MOBILE USE (IN-CAR INSTALLATION)	18
Temporary Mobile Installation	18
Permanent Mobile Installation	
Permanently Mounting the BC355N Unit	19
Permanently Connecting the	
Mobile Power Supply	
SCANNER OPERATION OVERVIEW	
BC355N FRONT PANEL	
BC355N REAR PANEL	28

USING YOUR BC355N SCANNER	29
SET UP	29
Adjusting Squelch	29
OPERATING MODES	
SCAN	30
SEARCH	30
SPECIAL NOTES FOR SCANNING PD/FD/EMG	
AND AIR/MRN BANKS	
Scanning Service Bank Tips	33
Searching Band Tips	35
SCREENS	37
SCANNING BANKS	37
SEARCHING BANDS	38
SPECIAL FEATURES	38
LOCK OUT CHANNELS / FREQUENCIES	39
Types of Lock Out	39
Temporary Lock Out	39
Permanent Lock Out	40
Lock Out Limits	40
Lock Out Tips	41
CLOSE CALL ®	45
Close Call Priority	46
Close Call Do Not Disturb	46
Close Call Only	46
Setting Up Close Call Modes	46
Setting C - C.BAND Options	47
- ·	

Setting C - C.ALET Options	48
Setting C - C.PS Options	48
Close Call Tips	
PRIVATE BANK	51
Programming Frequencies and Channels	51
Programming a Channel	52
Deleting a Programmed Frequency	
(programming "000.0000")	54
PROGRAM LOCK FEATURE	57
CLEAR ALL MEMORY	57
TROUBLESHOOTING GUIDE	58
GENERAL PRODUCT CARE	61
LOCATION	61
CLEANING	61
REPAIRS	62
BIRDIES	62
TECHNICAL SPECIFICATIONS	62

SCANNING LEGALLY

Your scanner covers frequencies used by many different groups, including police and fire departments, ambulance services, government agencies, private companies, amateur radio services, military operations, pager services, and wireline (telephone and telegraph) service providers. It is legal to listen to almost every transmission your scanner can receive. However, there are some transmissions that you should never intentionally listen to. These include:

- Telephone conversations (cellular, cordless, or other private means of telephone signal transmission)
- · Pager transmissions
- Any scrambled or encrypted transmissions

According to the Electronic Communications Privacy Act (ECPA), you are subject to fines and possible imprisonment for intentionally listening to, using, or divulging the contents of such a conversation unless you have the consent of a party to the conversation (unless such activity is otherwise illegal). This scanner has been designed to prevent the reception of cellular telephone transmissions and the decoding of scrambled transmissions. This is done to comply with the legal requirement that scanners be

manufactured so they are not easy to modify to pick up these transmissions. Do not open your scanner's case to make any modifications that could allow it to pick up transmissions that are illegal to monitor. Modifying or tampering with your scanner's internal components or using it in a way other than as described in this manual could invalidate your warranty and void your FCC authorization to operate it. In some areas, mobile and/or portable use of this scanner is unlawful or requires a permit. Check the laws in your area. It is also illegal in many areas (and a bad idea everywhere) to interfere with the duties of public safety officials by traveling to the scene of an incident without authorization.

ABOUT YOUR NEW BC355N SCANNER

The BC355N comes with 6 Service banks for monitoring police, fire/emergency medical services, marine, air, weather, and CB frequencies. In addition, the BC355N has 13 separate band searches.

You can also save up to 300 frequencies that are scanned along with the preset frequencies. So whenever you encounter a newly activated local frequency for any service category, you can add it

to the bank for that category. This gives you quick access to the frequencies you want to hear.

FEATURE SUMMARY

The BC355N is a compact mobile/base scanner and one of the most user-friendly communication products available today. The BC355N features include:

- Turbo search Allows your BC355N to search 180 steps per second. (5 kHz step band only)
- Seven Banks 6 preprogrammed Service banks and one standard, programmable Private bank. These banks include:
 - » POLICE: 1,769 Factory-programmed Police frequencies with 100 open channels (shared with FIRE/EMG), allowing you to program additional police frequencies into this bank.
 - » FIRE/EMG: 280 Factory-programmed Fire/EMG frequencies plus an additional 100 (shared with POLICE) open channels for you to program local fire/EMG frequencies into this bank.

Note: The Police and Fire/EMG banks share a single key – PD/FD/EMG. Pressing this key will toggle between

the banks. Additional information is provided in later sections.

- » AIR: 2,280 Factory-programmed frequencies which covers the complete AIR band, 118.000 to 136.9916 MHz. 100 open channels (shared with MRN) for user frequencies are also included.
- » MRN: 90 Factory-programmed frequencies which cover the complete Marine band. 100 open channels (shared with AIR) for user frequencies are also included.

Note: The Air and MRN banks share a single key – AIR/MRN. Pressing this key will toggle between the banks. Additional information is provided in later sections.

- » WX: 7 Factory-programmed Weather frequencies covering NOAA Weather Service.
- » CB: 40 Factory-programmed frequencies covering CB communications.
- » PRIVATE: 100-channel, fully user-programmable bank.
- Search Bands (13) Press **BAND** to select a band to search.

BAND PLANS

Your BC355N can operate using either the common band steps used in the USA or Canada. To select a band plan:

USA: Press **UP** while powering on the scanner.

Canada: Press **DOWN** while powering on the scanner.

The scanner remembers your setting if you power off. However, if you clear memory by turning on the scanner and pressing and holding **PROG** and **L/O**, the scanner is set to the USA band plan.

USA Band Plan

FREQUENCY (MHz)		STEP	MODE	CEDVICE
LOWER	UPPER	(kHz)	MODE	SERVICE
25.0000	27.9950	5.0	AM	Petroleum Products & Broadcast Pickup CB Class D Channel
				Business & Forest Products
28.0000	54.0000	5.0	NFM	10 Meter Amateur Band VHF Low Band 6 Meter Amateur Band
108.0000	136.9916	8.33	AM	Aircraft Band

FREQUE	NCY (MHz)	STEP	MODE	CEDVICE
LOWER	UPPER	(kHz)	MODE	SERVICE
137.0000	150.7700	5.0		
150.7750	150.8125	7.5		
150.8150	154.4525	7.5		
154.4562	154.4787	7.5		
154.4825	154.5125	7.5		
154.5150	154.5250	5.0]	
154.5275	154.5350	7.5		Military Land Mobile
154.5400	154.6075	7.5]	2 Meter Amateur Band
154.6100	154.6475	7.5	NFM	Military Land Mobile
154.6500	157.4475	7.5	INFINI	VHF High Band
157.4500	157.4650	5.0]	Federal Government
157.4700	163.2450	7.5]	
163.2500	173.2000	12.5		
173.2037	173.2100	6.25]	
173.2150	173.2200	5.0]	
173.2250	173.3875	12.5]]	
173.3900	173.3962	6.25		
173.4000	174.0000	5.0		

FREQUENCY (MHz)		STEP	MODE	CEDVICE
LOWER	UPPER	(kHz)	MODE	SERVICE
406.0000	419.9875	12.5	NFM	Federal Government
420.0000	449.9875	12.5	NFM	70 cm Amateur Band
450.0000	469.9875	12.5	NFM	UHF Band
470.0000	512.0000	12.5	NFM	UHF "T" Band*
806.0000	823.9875	12.5	NFM	
849.0125	868.9875	12.5	NFM	800 Band
894.0125	956.0000	12.5	NFM	
* This scanner cannot decode digital TV transmissions.				

Canada Band Plan

FREQUEN	NCY (MHz)	STEP (kHz)	MODE	CEDVICE
LOWER	UPPER		MODE	SERVICE
				Petroleum Products & Broadcast Pickup
25.0000	27.9950	5.0	AM	CB Class D Channel Business & Forest Products
28.0000	54.0000	5.0	NFM	10 Meter Amateur Band VHF Low Band
26.0000	34.0000	5.0	INFIVI	6 Meter Amateur Band

FREQUE	NCY (MHz)	STEP	MODE	CEDVICE
LOWER	UPPER	(kHz)	MODE	SERVICE
108.0000	136.9916	8.33	AM	Aircraft Band
				Military Land Mobile
				2 Meter Amateur Band
137.0000	174.0000	5.0	NFM	Military Land Mobile
				VHF High Band
				Federal Government
406.0000	419.9875	12.5	NFM	Federal Government
420.0000	449.9875	12.5	NFM	70 cm Amateur Band
450.0000	469.9875	12.5	NFM	UHF Band
470.0000	512.0000	12.5	NFM	UHF "T" Band*
806.0000	823.9875	12.5	NFM	
849.0125	868.9875	12.5	NFM	800 Band
894.0125	956.0000	12.5	NFM	

^{*} This scanner cannot decode digital TV transmissions.

Frequency Band	Sensitivity (Nominal) 12 dB SINAD
25.000 - 27.995	0.4 μV
28.000 - 54.000	0.3 μV

Frequency Band	Sensitivity (Nominal) 12 dB SINAD
137.000 - 174.000	0.2 μV
406.000 - 512.000	0.3 μV
108.000 - 136.9916	0.4 μV
806.000 - 956.000	0.4 μV

Frequency Band	Hum and Noise (Nominal)
25.000 - 27.995	48 dB
28.000 - 54.000	36 dB
137.000 - 174.000	36 dB
406.000 - 512.000	35 dB
108.000 - 136.9916	48 dB
806.000 - 956.000	35 dB

Frequency Band	Close Call Sensitivity (Nominal)
25.000 - 54.000	450 μV
137.000 - 174.000	150 μV
406.000 - 512.000	130 μV

Frequency Band	Close Call Sensitivity (Nominal)
108.000 - 136.9916	200 μV
806.000 - 956.000	450 μV

INCLUDED IN YOUR SCANNER PACKAGE

- BC355N Scanner
- Telescoping Antenna
- Flexible Window-Mount Mobile Antenna
- AC Adapter
- Vehicle Power Adapter
- DC Power Cord for hard-wiring power from your car to your scanner.
- Bracket
- Screw
- This Owner's Manual
- Other Printed Materials

If any of these items are missing or damaged, immediately contact your place of purchase or Uniden Customer Hotline.

Optional Accessories

The following optional accessories for your BC355N are available:

Mobile Mounting Bracket (Model MB-007) – For mobile use (Incar Installation); use it to install the BC355N in your car.

External Speaker (ESP20, ESP12, or ESP5) – To increase speaker volume in noisy environments.

INSTALLING THE BC355N SCANNER

FOR HOME USE (DESKTOP INSTALLATION)

- 1. Insert the DC plug end of the AC Adapter into the DC 13.8V jack on the rear panel.
- 2. Plug the AC Adapter into a standard 120V AC wall outlet.
- 3. Plug the Telescoping Antenna into the ANT connector. Extend the antenna to its full height. For frequencies higher than 406 MHz, shortening the antenna may improve the reception.

Use the desktop stand (fold out from bottom of unit) for a better viewing and operating angle.

Helpful Hints

- If strong interference or electrical noise is received, relocate the scanner or its antenna away from the source.
- If you are operating the scanner in a fringe area or need to improve reception, use an optional antenna designed for multi-band coverage. (You can purchase this type of antenna at a local electronics store.)
- If the optional antenna has no cable, use 50-70 ohm coaxial cable for lead-in. A mating plug may be necessary for the optional antennas.

FOR MOBILE USE (IN-CAR INSTALLATION)

Temporary Mobile Installation

A Vehicle Power Adapter is provided for an easy, temporary power supply.

Warning: Do not use the Vehicle Power Adapter in a positive ground vehicle.

 Plug one end of the Vehicle Power Adapter into the vehicle's accessory power jack and the other end into the DC 13.8V jack on the back of the scanner. Connect the mobile antenna plug into the ANT connector on the rear panel. For more information on antenna installation, please refer to the instruction guide that came with your mobile antenna.

Permanent Mobile Installation

Permanently installing the BC355N scanner into a vehicle involves two main steps - physically installing the scanner and physically connecting the power supply. It does not matter which is installed first; perform these procedures in an order that is most appropriate for your vehicle's configuration.

Permanently Mounting the BC355N Unit

- Select a location in your vehicle to mount the BC355N unit.
 Avoid any locations that could interfere with your driving. In a passenger car, the ideal location is underneath the dashboard on the passenger side.
- 2. Use the mounting bracket (optional) as a template for marking the location of the mounting screws.

Note: If there are screws already holding the dashboard, you may be able to use the same screw holes to mount the bracket.

3. Drill the necessary holes and secure the mounting bracket in place using the screws provided.

CAUTION: Do not drill into air bags. Do not drill if what is behind the dashboard is unknown.

4. Mount the scanner to the bracket only after the wiring has been connected to the rear panel.

Permanently Connecting the Mobile Power Supply

CAUTION: If you are not experienced in connecting accessories to the vehicle fuse box, please see your automotive dealer for advice on proper installation.

- Check the vehicle battery connections to determine which battery terminal (positive or negative) is grounded to the engine block or chassis. Most of today's vehicles use a negative ground. If your vehicle has a negative ground, follow Steps 2 and 3. Otherwise, skip to the Caution in Step 3.
- 2. Connect the RED wire of the DC power cord to the accessory contact in your vehicle's +13.8 VDC fuse box.
- 3. Connect the BLACK wire of the DC power cord to the negative side of the vehicle (usually the chassis).

Caution: In vehicles with a positive ground, the RED wire connects to the chassis and the BLACK wire connects to the accessory contact in the fuse box.

4. Insert the DC plug into the DC 13.8V jack on the back panel.

SCANNER OPERATION OVERVIEW

BC355N FRONT PANEL



KEY	PURPOSE
HOLD	Press this key to stop scanning or searching and to remain on the current frequency. HOLD displays on the screen. Press HOLD a second time to resume scanning.
UP and DOWN	Press these directional keys to:
	 Manually search up or down for frequencies while in Hold mode. Change direction of a search during Search mode. Quickly search up or down for frequencies (hold UP or DOWN keys for longer than 1 second) while in Hold mode.
	Select USA or Canada band plan. Press and hold UP for USA or DOWN for Canada when you turn on the scanner.
PRIVATE	Scans user-programmed channels programmed into the PRIVATE bank.

KEY	PURPOSE	
PD/FD/EMG	Press this key to scan the Police, Fire, and Emergency Services bands. Pressing this key cycles through the frequencies in the following order:	
	Police/Fire/Emergency Services - all activated	
	Police department only (turn off Fire/EMG bank)	
	Fire/EMG only (turn off Police bank)	
	None active (turn off both Police and Fire/ EMG banks)	
	NOTE: The PD and FIRE/EMG banks share 100 PRIVATE	
	channels. These user-programmed channels are scanned after the preprogrammed channels if either service is selected.	

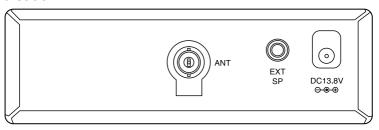
KEY	PURPOSE
AIR/MRN	Press this key to scan the Air and Marine bands. Pressing this key cycles through the frequencies in the following order:
	 Air/MRN - both activated Air only (turn off Marine bank) Marine only (turn off Air bank) None active (turn off both Air and Marine banks) NOTE: The AIR and MRN banks share 100 PRIVATE channels. These user-programmed channels are
	scanned after the preprogrammed channels if either service is selected. To save a marine frequency into a private channel, first hold on the frequency in the Marine Search, then follow the steps starting on page 52 to save the frequency. The frequency will save in NFM mode.

KEY	PURPOSE	
CLOSE CALL	Press this key to begin monitoring for strong, nearby signals. Pressing this key cycles through the frequencies in the following order:	
	 Close Call ® Priority - CC checks for Close Call hits every 2 seconds while monitoring other frequencies. You will hear a slight break in reception while Close Call Priority is on. Close Call Do Not Disturb - Checks for Close Call hits every 2 seconds unless the scanner is already receiving a transmission. This prevents the breaks in audio, but can check less often. Close Call Only - Press the Close Call key 	
	for longer than 2.5 seconds. The Close Call Priority icon flashes to indicate this mode.	
WX	Press this key to activate the Weather frequencies (7 NOAA). No other channels are scanned while the WX bank is activated.	
СВ	Press this key to monitor 40 programmed CB channels.	

KEY	PURPOSE
SEARCH	Press the SEARCH key to search for active frequencies within a selected band range.
L/O	Press this key to temporarily or permanently lock out frequencies or channels from being searched or scanned. (L/O is explained in more detail in a later section.)
	Turn on the scanner while pressing and holding PROG + L/O to clear all memory.
BAND	Pressing this key displays the upper/lower limits of a band range for 3 seconds (i.e., 406 - 420) and then begins searching that band range. Continue pressing the BAND key for other searchable bands.
PROG	Press this key to initiate and complete programming a channel or frequency (further detail is provided in a later section).
	Note: If you press a non-programmable bank key (WX, or CB),"Error" will be displayed; press a programmable bank key.

ITEM	PURPOSE
VOLUME Control/Power Switch	Turn this control clockwise to turn on the BC355N unit. Continue turning this control clockwise to adjust the volume.
SQ (Squelch) Control	Adjust SQ to set the scan threshold. When you are monitoring a single channel in Manual Mode, adjust SQ to eliminate the background noise heard in the absence of an incoming signal.
LCD	The Liquid Crystal Display (LCD) shows the current channel or its frequency. It also displays mode, status, and bank indicators. It utilizes a 7-segment LCD pattern for character display. (Go to "Screens" on page 36 for more details.)

BC355N REAR PANEL



ITEM	PURPOSE
ANT	BNC Antenna Connector. Insert the antenna plug here.
EXT SP	External Speakers. Insert optional external speaker plug here.
DC 13.8V	Power Connection. Connect the specified AC Adapter or DC power cord here.

USING YOUR BC355N SCANNER

SET UP

Adjusting Squelch

To Adjust Squelch -		
	1.	Turn SQ completely counterclockwise. You should hear open squelch noise.
	2.	Turn SQ clockwise slowly until the sound disappears. This is the threshold point at which the incoming signal is just slightly stronger than the noise will open the squelch.
	3.	Adjust the volume to a comfortable listening level.

OPERATING MODES

The BC355N operates in two modes - Scan and Search:

SCAN

Scanning allows you to scan through channels in various service banks.

Press a service bank key (**PD/FD/EMG**, **AIR/MRN**, **WX**, **CB**, or **PRIVATE**) to find an active frequency within that bank. All activated banks plus their "private" channels are scanned. Press other bank keys to add banks to scan.

The Bank label/icon for the scanned frequency flashes while that bank is scanned. When an active frequency is found, the scanner stops on that frequency and the Bank label/icon remains steady. When transmission ends, the scanner pauses 2 seconds for a new transmission. If no new transmission is found, scanning resumes. Press **UP** to manually continue scanning. Multiple active banks are scanned in order.

Note: Before you can scan the Private bank, you must program frequencies into the channels. Refer to "Private Bank" on page 50.

SEARCH

Search lets you search through pre-grouped bands of frequencies.

Press **BAND** key to select 1 of 13 separate frequency bands to search. Press the **SEARCH** key to begin searching. The scanner displays frequencies as it searches and stops on active frequencies until that transmission ends. If no transmission resumes after 2 seconds, the search automatically continues through the rest of the band. Use the **UP** or **DOWN** key to change the direction of the search or press the **BAND** key again to change bands.

SPECIAL NOTES FOR SCANNING PD/FD/EMG AND AIR/MRN BANKS Two keys are home to multiple banks. The **PD/FD/EMG** key manages the Police and Fire/Emergency Services banks and the **AIR/MRN** key manages the Air and Marine banks.

Pressing **PD/FD/EMG** more than once will cycle through the banks in this order:

- Police/Fire/EMG
- Police
- 3. Fire/EMG
- 4. None

NOTE: The PD and FIRE/EMG banks share 100 PRIVATE channels. These user-programmed channels are scanned after preprogrammed channels.

Pressing **AIR/MRN** more than once will cycle through the banks in this order:

- 1. Air/Marine
- 2. Air
- 3. Marine
- 4. None

NOTE: The AIR and MRN banks share 100 PRIVATE channels. These user-programmed channels are scanned after preprogrammed channels.

Scanning Service Bank Tips

If You Want to Do This -	Here's How -
Begin scanning	Press any service bank key; the bank label flashes and the SCAN message moves across the display screen. Scanning automatically stops on an active channel and displays that frequency (except for locked-out channels, which will be covered later in this guide). It will stay on that channel until the transmission ends. Note: You must program channels into the PRIVATE bank before you can scan it.
Set up multiple service banks to scan	Press a desired service bank's key until it displays. Continue pressing other banks' keys until all desired banks are displayed (activated).

If You Want to Do This -	Here's How -
Stop scanning	Press HOLD . The scanner stays on the displayed channel until scanning is resumed. The bank's screen label remains steady and does not flash.
Resume scanning	Press one of the following keys to continue scanning:
	HOLD – Press this key to release the Scan Hold and continue scanning. The bank's screen label resumes flashing.
	UP or DOWN - Press these keys to step to the next/previous frequency. Scan Hold remains active but single channels can be monitored.
	Any bank key - If you press a different bank key, you will start scanning in that new bank and the bank label will resume flashing.
	L/O key - Press this key to lock out this frequency and step to the next frequency

If You Want to Do This -	Here's How -	
Keep scanning after the BC355N has stopped on an active channel	If the BC355N stops on an active channel that you do not want to monitor but you do not want to lock out, press the bank key or the UP key. You will scan to the next frequency.	
Select a different bank to scan	Use one of the following two methods: 1. Use the UP key to move through frequencies and banks.	
	Deactivate the bank(s) you do not want to listen to, leaving only the desired band active.	

Searching Band Tips

If You Want to Do This -	Here's How -
Begin searching	Press the BAND key. The screen displays the last known searched band and then begins searching for an active frequency in that band.

If You Want to Do This -	Here's How -
Continue after the BC355N has stopped on an active channel	If the BC355N stops on an active channel that you do not want to monitor but you do not want to lock out, press the SEARCH key or the UP/DOWN keys.
Stop searching	Press HOLD . The scanner stays on the displayed channel until searching is resumed. Press HOLD again to resume searching.
Select a different band to search	Press the BAND key multiple times to search through the available bands.
Select USA or Canada band plan	When you turn on the scanner, press and hold UP (for USA) or DOWN (for CANADA).

SCREENS

This section shows typical screen displays:

SCANNING BANKS

HOLD SCAN

SCAN SCA

This screen shows BC355N is actively scanning a displayed bank. "SCAN" scrolls from right to left across the screen, and the scanned bank will flash.

45.0600

This screen shows that the scanner has been put on HOLD to monitor frequency 45.0600 on the Police bank.

37

SEARCHING BANDS

409.9875 SRCH A When **BAND** is pressed, this screen displays the band range to be searched. Press **BAND** again (or **UP/DOWN** within 3 seconds) to see other band ranges.

This SEARCH screen shows that frequency 409.9875 has been found through an upward search. Pointers (▲or ▼) indicate the direction of the search - up or down

SPECIAL FEATURES

The BC355N scanner boasts of several special features:

- Lock Out Channels/Frequencies
- Close Call

- Private Bank
- Program Frequencies into Programmable Banks.
- Program Lock
- Clear All Memory

LOCK OUT CHANNELS / FREQUENCIES

Sometimes the scanner may stop on a particular channel or frequency because of noise or other unwanted transmissions. This feature lets you lock out channels and frequencies you don't want to scan. The Lock Out feature skips these channels and frequencies during scanning.

Types of Lock Out

Temporary Lock Out

Pressing **L/O** once temporarily locks out the current frequency or channel. The scanner displays "T L/O" for that frequency or channel and continues scanning. All "T L/O" frequencies/channels are restored when the scanner is powered off and back on.

Permanent Lock Out

Pressing **L/O** twice permanently locks out the current frequency or channel. The scanner displays "L/O" for that frequency or channel and continues scanning. "L/O" frequencies/channels can be manually restored; the procedure is provides in this section.

Lock Out Limits

Any of the 300 user-programmed channels can be locked out; however, there is a limit to the number of frequencies that can be locked out of a preprogrammed bank or band search. Up to 100 frequencies can be **permanently** locked out, and up to 100 frequencies can be **temporarily** locked out.

If you try to permanently or temporarily lock out 101 frequencies, the scanner releases the first locked out frequency when you lock out the 101st frequency.

Locking out a frequency in any service bank or search band locks it out in all service banks or search bands. However, it will not affect the frequency if you have saved it in a channel.

You can only lock out all the channels or frequencies in the **Private**, **CB**, and **MRN** banks. If you lock out all the channels or frequencies

in one of these banks, pressing that bank key will make the scanner emit an error tone and the scanner will not scan.

Note: You cannot lock out any frequencies in the WX bank.

Lock Out Tips

If You Want to Do This -	Here's How -
Temporary Lock Out	While on a channel or frequency, press L/O once. The scanner beeps and temporarily locks out that channel and displays <i>T L/O</i> . If the scanner was not in Hold mode, it then resumes scanning. If the scanner was in Hold mode, it does not resume scanning until one of the following actions is taken: • Press HOLD again to release the
	Scan Hold function. Scanning resumes on that bank.

If You Want to Do This -	Here's How -
Temporary Lock Out (Cont.)	 Press the bank you were scanning to resume scanning in that bank. Press a different bank key to begin scanning that new bank.
Permanent Lock Out	While on a channel or frequency, quickly press L/O key twice. The scanner locks out that channel or frequency, displays <i>T L/O</i> and then <i>L/O</i> , and then resumes scanning.
Search for Permanently Locked-Out Channels or Frequencies	The scanner does not stop on locked out channels or frequencies while scanning; to search for and display locked out channels or frequencies, press HOLD , then use UP or DOWN to search manually through the bank. L/D appears on the screen to indicate the lock out.

If You Want to Do This -	Her	re's How -
Restoring a Single Locked-Out Channel or Frequency (Example: Channel 12 of the Private bank is	1.	Press the appropriate bank key (PRIVATE, PD/FD/EMG or AIR/MRN) to start scanning the bank that has the channel or frequency you want to unlock.
locked out.)	2.	Press HOLD to stop scanning. (HOLD and SCAN must appear on the screen.)
	3.	Use UP or DOWN keys to find the specific locked out channel or frequency (in this example, Channel 12, which displays L/D). Press L/O .

If You Want to Do This -	Her	e's How -
Restoring a Single Locked-Out Channel (Cont.)	4.	L/D disappears to indicate that Channel 12 is now unlocked and restored for scanning.
		Note: For the factory preprogrammed channels, the earliest channel will be unlocked when you lock out more than 100 channels.
Restoring All Permanently Locked Out Channels/ Frequencies	1.	You can unlock all locked out programmable channels and search skip frequencies in any bank at one time. Press a bank key to start scanning.
	2.	Press HOLD to stop scanning.
	3.	Press and hold L/O for more than 2.5 seconds until you hear two beeps.

If You Want to Do This -	Here's How -
Restoring All Permanently Locked Out Channels/ Frequencies (Cont.)	4. All locked out channels/ frequencies in that bank are now unlocked and restored for scanning.
	Note: When that bank is the Private bank, all locked out channels of the Private bank are restored

CLOSE CALL®

- 1. Close Call Do Not Disturb
- 2. Close Call Priority
- 3. Close Call Off

Close Call Priority

Repeatedly press • until the Close Call Priority icon • displays. The scanner checks every 2 second for a nearby transmission. You may hear a slight break in audio during this time.

Close Call Do Not Disturb

Repeatedly press . until the Do Not Disturb icon displays. The scanner will periodically make Close Call checks whenever it is not receiving audio in another mode.

Close Call Only

Press and hold • until the scanner displays a line of dashes and the icon flashes. The scanner is now in Close Call Only mode. It will only try to find Close Call transmissions. This is also the first step to accessing the Close Call Setup modes.

Setting Up Close Call Modes

- 1. Press and hold to enter the Close Call Only mode. The screen displays a line of dashes.
- 2. Press again to display the Close Call menu selections:
 - C C.bAnd Select which bands Close Call will check.
 - C C.ALEt Select alerts on/off.

- C C.PS Set Pager screen.
- Use the **UP** or **DOWN** keys to scroll through the menu selections.
- 4. Press **PROG** to select a menu, and then scroll up or down to view the menu options. When you have selected a menu option, press **PROG** to set it.
- 5. Press **BAND** key to return to the previous option, or press **- c** to return to the CC mode selection options.

Setting C - C.BAND Options

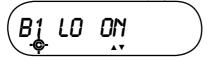
Use this menu to select which bands get Close Call checks:

Band	Name	Frequency (MHz)
b1 Lo	VHF Low Band	25.0000 - 54.0000
b2 Air	AIR Low Band	108.0000 - 136.9916
b3 Hi	VHF High Band	137.0000 - 174.0000
b4 UHF	UHF Band	406.0000 - 512.0000
b5 800	800MHz Band	806.0000 - 823.9875
		849.0125 - 868.9875
		894.0125 - 956.0000

 From Step 4 previously, select C - CBAND. The first band selection displays (B1 LO is automatically set to ON):



2. Scroll up or down to select bands for Close Call to monitor. Press PROG. The screen displays that selection and "ON."



Setting C - C.ALET Options

This menu controls whether the scanner will sound an alert tone when a Close Call signal is detected. The options are:

- ALt.bEEP Scanner beeps when a CC signal is found.
- ALt.OFF Scanner does not been when a CC signal is found

Setting C - C.PS Options

This menu controls whether the scanner will screen common pager frequencies. The options are:

- PS .On Scanner screens out pager frequencies (filter on).
- PS.OFF Scanner allows pager frequencies (filter off).

Close Call Tips

If You Want To -	Here's How -
Scan for Close Call Transmissions while Scanning other Banks/Bands	Press the + key. The Close Call icon displays. Every two seconds there will be a break in the scanner audio as it searches for a nearby transmission.

If You Want To -	Hei	re's How -
See a Frequency Found Through Close Call	1.	The scanner finds a nearby signal through Close Call, it jumps to that frequency but does not display it. It does, however display the band number and flashes "FOUND." FOUND SRCH
	2.	Press any key to confirm the frequency. Press HOLD to stay on that frequency. (Press HOLD again to release it.) B4 SRCH SRCH
	3.	Audio for that frequency continues until the signal stops.

PRIVATE BANK

The BC355N also provides 3 separate banks to hold favorite frequencies. When you find a frequency that you would like to listen to again, you can program it into either the **PD/FD/EMG** or **AIR/MRN** service bank or into the Private bank. The advantage to programming frequencies into the Private bank is that you can scan that bank with other service banks turned off.

Note: Although it is possible to program a Weather frequency into the Private bank, it is not recommended. Weather frequencies broadcast continuously, and the scanner will not change to other frequencies.

Programming Frequencies and Channels

Up to 100 frequencies (1 frequency per channel) can be programmed into each of the following banks (300 frequencies combined):

- Police/Fire/FMG
- Air/Marine
- Private

Any displayed frequency for these banks can be programmed into the scanner, and frequencies not currently displayed can be

located through the Search mode and through manually scanning the preprogrammed banks. In addition, websites such provide listings of local broadcast frequencies.

NOTE: The CB and WX banks are not programmable. *ERROR* displays if you try to program a frequency into either of these two banks.

Programming a Channel

The following steps detail how to program a frequency into a channel for a specific bank when the frequency was found while scanning or searching. In this example, the frequency was found while scanning the Police bank.



This SCAN screen shows that frequency 40.0600 has been found through a search of the active (flashing) POLICE bank.



Press **HOLD**. HOLD displays.

HOLD

Press **PROG**. *EH* displays and flashes.

POLICE FIRE/EMG

HOI D

Press the key for the bank you want to program. In this example, PD/FD/EMG was pressed.

POLICE FIRE/EMG

HOLD

L/O

POLICE FIRE/FMG

HOLD

The screen cycles between two displays. The first screen shows that channel 6 is the lowest available channel on the POLICE bank (press **UP** or **DOWN** to select a different channel) and the second screen shows that frequency 40 0600 is available to be programmed.

POLICE FIRE/EMG

40.0600

HOLD SCAN

Press **PROG**. The scanner programs the frequency into the indicated channel and then goes into SCAN HOLD mode.

Press **HOLD** to release the Hold and continue scanning the rest of the programmed channels, starting with the one you just programmed.

Deleting a Programmed Frequency (programming "000.0000")

The easiest method of deleting a frequency you have programmed is to overwrite it with a null frequency (000.0000).

CH 40.0600

From a normal scan setting (a channel bank is flashing), press **PROG**. *HOLD* displays and *CH* displays and flashes. Press and hold **L/O** for 2.5 seconds.

CH 000.0000

Frequency changes to 000.0000 and CH continues flashing.

3 40.0600

HOLD

Press the bank containing the channel you wish to clear. The screen displays the first programmable channel for that bank. If that channel displays 000.0000, press **UP** or **DOWN** until the channel/frequency you wish to clear displays. (In this example, channel 3 contains frequency 40.0600.)

POLICE FIRE/EMG

3

HOLD

40.0600

POLICE FIRE/EMG

HOLD

The screen cycles between two displays. The first screen shows that channel 3 on the **POLICE** bank (40.0600) is selected and the second screen shows that the null frequency (000.0000) is ready to be programmed.

POLICE FIRE/EMG

3

000.0000

HOLD SCAN L/O

Press **PROG.** The screen displays a null frequency in that channel.

Press the bank key again to resume scanning in that bank.

PROGRAM LOCK FEATURE

The BC355N has a Program Lock feature to prevent accidentally programming entries or unauthorized programming. Press and hold the **PROG** key for longer than 2.5 seconds to toggle Program Lock on and off. Program Lock is available in the following modes:

- Scan/Scan Hold
- Band Search/Band Search Hold
- Programming
- Close Call

When Program Lock is turned on, the scanner displays "ON PRG-LOC" and then returns to scanning mode. Press and hold the **PROG** key again to unlock this function and return to the previous mode. Attempts to program on a bank with Program Lock activated will display "PRG-LOC" as a reminder. When Program Lock is turned off (press and hold **PROG** for longer than 2.5 seconds), the scanner displays "OF PRG-LOC" and returns to the previous mode.

CLEAR ALL MEMORY

Turn on the scanner while pressing and holding **PROG** and **L/O** to clear all memory in your BC355N. The band plan resets to USA.

TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
Scanner won't work	Try one of these options: Check the connections at both ends of the AC adapter.
•	Turn on the wall switch of your room. You could be using an outlet controlled by the wall switch. Move the AC adapter to another wall outlet.
	Check the connections at both ends of the DC cord or Vehicle Power Adapter.
	Check to see if the fuse is blown. Make sure the ignition key in your vehicle is in the Accessory position.
	Make sure the power switch is turned on.

PROBLEM	SOLUTION
Improper Reception	 Try one of these options: Check the antenna and its connection. Move the scanner. You may be in a fringe area. This may require an optional multi-band antenna. Check with your dealer or local electronics store.
Weather scan won't work	 Try one of these options: Adjust the Squelch control. Check the antenna connection. Review each channel's frequency to see if it is still stored in memory and is correct.

PROBLEM	SOLUTION
Scan won't stop	Try one of these options:
	 Check and adjust Squelch Check the antenna connection. Check to see if all channels are locked out. It is possible that none of the programmed frequencies are active at the time. Try the band search.
Scan won't start	Try one of these options:
	 Press the bank key again. Adjust the Squelch Control. Scan program frequencies into the bank before using (for PRIVATE bank).
Search won't start	Adjust the Squelch Control.Check the antenna connection.
PROGRAM key won't work	Stop scan or search.

GENERAL PRODUCT CARE

Turn the scanner off before disconnecting the power.

Always press each keypad button firmly until you hear the entry tone for that key entry.

LOCATION

If strong interference or electrical noise is received, relocate the scanner or its antenna away from the source of the noise. A higher elevation, if possible, may provide better reception. You might also try changing the height or angle of the telescoping antenna.

Do not use the scanner in high-moisture environments such as the kitchen or bathroom.

Avoid placing the unit in direct sunlight or near heating elements or vents.

CLEANING

Disconnect the power to the unit before cleaning.

Clean the outside of the scanner with a soft cloth. To prevent scratches, do not use abrasive cleaners or solvents. Be careful not to rub the LCD window. Do not use excessive amounts of water.

REPAIRS

Do not attempt any repair. The scanner contains no serviceable parts. Contact the Uniden Customer Hotline or take it to a qualified repair technician.

BIRDIES

All radios may receive undesired signals or birdies. If your scanner stops during Search Mode and no sound is heard, it may be receiving a birdie. Birdies are internally-generated signals inherent in the receiver's electronics. If the interference is not severe, you might be able to turn **SQ** clockwise to cut out the birdie. You can also press **SEARCH** to resume searching.

TECHNICAL SPECIFICATIONS

Size: 5-3/16"(W) x 5-3/4"(D) x 1-5/8"(H)

Weight: 1 lb 6.5 oz.

Operating Temperature: -20°C (-4°F) to $+60^{\circ}\text{C}$ ($+140^{\circ}\text{F}$)

Power Requirements: DC 13.8V

Certified in accordance with FCC Rules and Regulations Part 15

Sub-part C as of date of manufacture.

Banks: 7 banks total (6 Service banks / 1 Private bank)

- Police (PD): 1,769 Preprogrammed plus 100 programmable channels shared with Fire/Emergency Services
- Fire/Emergency (FD/EMG): 280 Preprogrammed plus 100 programmable channels shared with Police
- Air (AIR): 2,280 Preprogrammed. (Plus 100 programmable channels shared with Marine)
- Marine (MRN): 90 Preprogrammed. (Plus 100 programmable channels shared with Air).
- Weather (WX): 7 Preprogrammed.
- CB: 40 programmed.
- PRIVATE: 100 channels fully user-programmable.

Search Band: 13 searchable bands:

Scan Rate: 50 channels/second

Search Rate: 60 steps/second

180 steps/second

(5 kHz steps band only)

Scan Delay: 2 seconds

Audio Output: Max.0.9 W

Antenna: 50 ohms (Impedance)

Features, specifications, and availability of optional accessories are all subject to change without notice.