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Uniden®

UBC355CLT
Scanner

OWNER'S MANUAL

IMPORTANT INFORMATION

PRECAUTIONS

Before you use this scanner, please observe the following:

Warning

Uniden 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.

TABLE OF CONTENTS

4

ABOUT YOUR NEW UBC355CLT SCANNER

The UBC355CLT comes with 7 Service banks for monitoring Emergency, Freenet, PMR, Air, Marine, CB AM and Amateur Band frequencies. In addition, the UBC355CLT has 23 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 UBC355CLT is a compact mobile/base scanner and one of the most user-friendly communication products available today. The UBC355CLT features include:

- Turbo search – Allows your UBC355CLT to search 180 steps per second. (5 kHz step band only)

- Eight Banks – 7 preprogrammed Service banks and one standard, programmable Private bank. These banks include:

6

- » Emergency (EMG): 100 channels.(Some frequency is programed beforehand.)

- » Freenet (FRN): 6 Factory-programmed Freenet frequencies plus an additional 100 open channels for you to program other frequencies into this bank.

- » PMR: 8 Factory-programmed PMR frequencies.

Note: The Freenet and PMR banks share a single key - FRN/PMR. Pressing this key will toggle between the banks. Additional information is provided in later sections.

- » AIR: 3,480 Factory-programmed frequencies which covers the complete AIR band, 108.000 to 136.9916 MHz.

- » MRN: 57 Factory-programmed frequencies which cover the complete International Marine band.

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

- » CB AM: 600 Factory-programmed CB AM frequencies.

- » Amateur Band (CB FM): 400 Factory-programmed amateur band frequencies.

Note: The CB AM and Amateur Band (CB FM) banks share a single key - CB AM/FM. Pressing this key will toggle between the banks. Additional information is provided in later sections.

   » PRIVATE: 100-channel, fully user-programmable bank.

- Search Bands (23) – Press **BAND/STEP** to select a band to search.

Band	Range (MHz)	Step (kHz)	Mode
25 - 30	25.00000 - 29.99500	5	FM
30 - 50	30.00000 - 49.99500	5	FM
50 - 80	50.00000 - 79.99500	5	FM
80 - 83	80.00000 - 82.99500	5	FM
83 - 84	83.00000 - 84.01000	5	FM
84 - 87	84.01500 - 87.29500	5	FM

Band	Range (MHz)	Step (kHz)	Mode
108 - 137	108.00000 - 136.99166	8.33	AM
137 - 138	137.00000 - 137.99375	6.25	FM
138 - 144	138.00000 - 143.99375	6.25	FM
144 - 146	144.00000 - 145.99375	6.25	FM
146 - 156	146.00000 - 155.99375	6.25	FM
156 - 157	156.00000 - 157.43125	6.25	FM
157 - 158	157.43750 - 157.99375	6.25	FM
158 - 160	158.00000 - 160.59375	6.25	FM
160 - 162	160.60000 - 162.02500	6.25	FM

Band	Range (MHz)	Step (kHz)	Mode
162 - 162	162.03125 - 162.59375	6.25	FM
162 - 174	162.60000 - 174.00000	6.25	FM
406 - 440	406.00000 - 439.99375	6.25	FM
440 - 450	440.00000 - 449.99375	6.25	FM
450 - 466	450.00000 - 465.99375	6.25	FM
466 - 470	466.00000 - 469.99375	6.25	FM
470 - 512	470.00000 - 512.00000	6.25	FM
806 - 960	806.00000 - 960.00000	12.5	FM

Frequency Band	Sensitivity (Nominal) 12 dB SINAD
25.000 - 27.995	0.4 µV
28.000 - 69.9950	0.2 µV
70.0000 - 87.2950	0.2 uV
108.0000 - 136.9916	0.4 uV
137.0000 - 147.9950	0.2 uV
148.0000 - 174.0000	0.2 uV
406.0000 - 512.0000	0.3 uV
806.0000 - 960.0000	0.4uV

Frequency Band	Hum and Noise (Nominal)
25.000 - 27.995	48 dB
28.000 - 87.2950	43 dB
108.0000 - 136.9916	48 dB
137.0000 - 147.9950	43 dB
148.0000 - 174.0000	43 dB
400.0000 - 512.0000	42 dB
806.000 - 960.0000	44 dB

11

Frequency Band	Close Call Sensitivity (Nominal)
25.000 - 87.2950	-54 dB
108.0000 - 136.9916	-61 dB
137.0000 - 174.0000	-63 dB
406.0000 - 512.0000	-65 dB
806.0000 - 960.0000	-55 dB

INCLUDED IN YOUR SCANNER PACKAGE

- UBC355CLT Scanner
- Telescoping Antenna
- Fixable 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.

Optional Accessories

The following optional accessories for your UBC355CLT are available:

Mobile Mounting Bracket – For mobile use (In-car Installation); use it to install the UBC355CLT in your car.

External Speaker – To increase speaker volume in noisy environments.

INSTALLING THE UBC355CLT 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 240V AC wall outlet.

3. Plug the Telescoping Antenna into the ANT connector. Extend the antenna to its full height. For frequencies higher than 400 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.

14

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

1. 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.

2. 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 UBC355CLT 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 UBC355CLT Unit

1. Select a location in your vehicle to mount the UBC355CLT 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.

15

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.

1. 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

UBC355CLT 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.

KEY	PURPOSE
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.
PRIVATE	Scans user-programmed channels programmed into the PRIVATE bank.
EMG	Press this key to scan the Emergency (EMG) bands. **NOTE: The Emergency bank has 100 PRIVATE channels. These user programmed channels are scanned after the preprogrammed channels if the Emergency is selected.**

19

KEY	PURPOSE
FRN/PMR	Press this key to scan the Freenet (FRN) and PMR bands. Pressing this key cycles through the frequencies in the following order: • Freenet (FRN)/PMR - both activated • Freenet (FRN) only (turn off PMR bank) • PMR only (turn off Freenet bank) • None active (turn off both Freenet and PMR banks) **NOTE: The Freenet (FRN) bank has 100 PRIVATE channels. These user programmed channels are scanning after the preprogrammed channels if the Freenet is selected.**

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.

21

KEY	PURPOSE
AIR/MARINE	Press this key to scan the Air and Marine bands. Pressing this key cycles through the frequencies in the following order: • Air/Marine - both activated • Air only (turn off Marine bank) • Marine only (turn off Air bank) • None active (turn off both Air and Marine banks)

KEY	PURPOSE
CB AM/FM	Press this key to scan the CB AM and Amateur Band (CB FM) bands. Pressing this key cycles through the frequencies in the following order: • CB AM/Amateur Band (CB FM) - both activated • CB AM only (turn off Amateur Band (CB FM) bank) • Amateur Band (CB FM) only (turn off CB AM bank) • None active (turn off both CB AM/ Amateur Band (CB FM) banks)
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.)

KEY	PURPOSE
BAND/STEP	You can change the steps of each band. To change steps, press and hold **BAND/STEP** key while band search. Pressing this key displays the upper/lower limits of a band range for 3 seconds (i.e., 406:440) and then begins searching that band range. Note, on the display the band upper/lower limits are separated by the colon. Continue pressing the **BAND/STEP** 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 AIR/MARINE or CB AM/FM, "Error" will be displayed; press a programmable bank key.**

24

ITEM	PURPOSE
Volume/Clock Volume Control/ Clock Switch	Turn this control clockwise to turn on the UBC355CLT 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 Scan Hold 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 35 for more details.)

UBC355CLT REAR PANEL
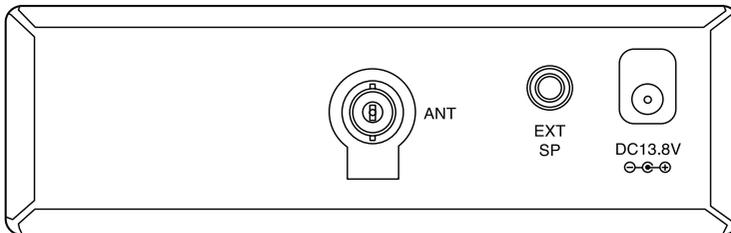
ITEM	PURPOSE
ANT	BNC Antenna Connector. Insert the antenna plug here.
EXT SP	External Speakers. Insert optional external speaker plug here.
DC 13.8V	Power Connection. Connect the specified AC Adapter or DC power cord here.

USING YOUR UBC355CLT 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 UBC355CLT operates in two modes - Scan and Search:

SCAN

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

Press a service bank key (**EMG, FRN/PMR, AIR/MARINE, CB AM/FM** 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. 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 49.

SEARCH

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

Press **BAND/STEP** key to select 1 of 23 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/STEP** key again to change bands.

SPECIAL NOTES FOR SCANNING BANKS

The bank keys (except the Emergency (EMG) and Private banks) are home to multiple banks.

NOTE: The Emergency (EMG) bank has 100 PRIVATE channels. These user-programmed channels are scanned after pre-programmed channels.

Pressing **FRN/PMR** more than once will cycle through the banks in this order:

1. Freenet (FRN)/PMR
2. Freenet (FRN)
3. PMR
4. None

29

NOTE: The Freenet bank has 100 PRIVATE channels. These user-programmed channels are scanned after pre-programmed channels.

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

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

Pressing **CB AM/FM** more than once will cycle through the banks in this order:

1. CB AM/Amateur Band (CB FM)
2. CB AM
3. Amateur Band (CB FM)
4. None

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** - Press this keys to resume scanning.

32

If You Want to do This -	Here's How -
Resume scanning (Cont.)	• 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.
Keep scanning after the UBC355CLT has stopped on an active channel	If the UBC355CLT stops on an active channel that you do not want to monitor but you do not want to lock out, press 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. 2. Deactivate the bank(s) you do not want to listen to, leaving only the desired band active.

33

Searching Band Tips

If You Want to Do This -	Here's How -
Begin searching	Press the **BAND/STEP** key. The screen displays the last known searched band and then begins searching for an active frequency in that band.
Continue after the UBC355CLT has stopped on an active channel	If the UBC355CLT 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 frequency until searching is resumed. Press **HOLD** again to resume searching.
Select a different band to search	Press the **BAND/STEP** key multiple times to search through the available bands.

SCREENS

This section shows typical screen displays:

SCANNING BANKS

```
EMG FRN PMR AIR MRN CB AM   FM
            SCAN
        SCAN
```

This screen shows UBC355CLT is actively scanning a displayed bank. "SCAN" scrolls from right to left across the screen, and the scanned bank will flash.

```
        FRN
      149.025
    HOLD  SCAN
```

This screen shows that the scanner has been put on HOLD to monitor frequency 149.025 on the Freenet bank.

35

SEARCHING BANDS

$$108.137$$
SEARCH

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

$$127.812_{50}$$
SEARCH▲

This SEARCH screen shows that frequency 127.81250 has been found through an upward search. Pointers (▲ or ▼) indicate the direction of the search - up or down.

SPECIAL FEATURES

The UBC355CLT scanner boasts of several special features:

- Lock Out Channels/Frequencies

- Close Call

- Private Bank

- Program Frequencies into Programmable Banks.

- Program Lock

- Select Step Frequency

- Clock Mode

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 provided 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**, **Emergency (EMG)**, **Freenet (FRN)**, **PMR** and **Marine 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.

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 "T L/O." 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 "T L/O" and then "L/O," 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/O" appears on the screen to indicate the lock out.

If You Want to Do This -	Here's How -
Restoring a Single Locked-Out Channel or Frequency (Example: Channel 12 of the Private bank is locked out.)	1. Press the appropriate bank key (**PRIVATE**, **EMG**, **FRN/PMR**, **AIR/MARINE** and **CB AM/FM**) to start scanning the bank that has the channel or frequency you want to unlock.
	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/O"). Press **L/O**.

If You Want to Do This -	Here's How -
Restoring a Single Locked-Out Channel (Cont.)	4. "L/O" 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.

42

If You Want to Do This -	Here's How -
Restoring All Permanently Locked Out Channels/ Frequencies (Cont.)	3. Press and hold **L/O** for more than 2.5 seconds until you hear two beeps.
	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 ®

The Close Call feature enables you to search for strong signals close to your location. These signals could be from a nearby police car or fire engine or other radio source. Pressing the ⊙ key activates the Close Call functions in the following order:

1. Close Call Do Not Disturb

2. Close Call Priority

3. Close Call Off

Pressing and holding the ⊙ key activates Close Call Only mode.

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. If you want to monitor only Close Call hits, hold the ⊙ key for longer than 2.5 seconds. The Close Call Priority icon flashes.

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.

44

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.bnd* - Select which bands Close Call will check.
   - *C-C.ALt* - Select alerts on/off.

3. 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/STEP** key to return to the previous option, or press ⬦ to exit from the CC mode selection options.

Setting C-C.bnd Options

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

45

Band	Name	Frequency (MHz)
b1 Lo	VHF Low Band	25.0000 - 87.2950
b2 Air	AIR 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 - 960.0000

1. From Step 4 previously, select C-C.bnd. The first band selection displays:

$$b\ 1\ L\ o$$

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

$$b\ 1\ L\ o\ .O\ n$$

46

You cannot turn off all bands. If you turn off all bands, b1 Lo (VHF Low Band) is automatically set to ON.

Setting C-C.ALt Options

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

- ALt.On - Scanner beeps when a CC signal is found.

- ALt.OFF - Scanner does not beep when a CC signal is found

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 -	Here's How -
Save 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." b3 Found SEARCH
Save a Frequency Found Through Close Call (Cont.)	2. Press any key to confirm the frequency. b3 156.850 SEARCH 3. Follow the steps for "Programming a Channel" on page 51.

PRIVATE BANK

The UBC355CLT 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 **Emergency (EMG)** or **Freenet (FRN)** 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.

Programming Frequencies and Channels

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

- Emergency (EMG)

- Freenet (FRN)

- 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

49

the preprogrammed banks. In addition, websites such as www.radioreference.com provide listings of local broadcast frequencies.

NOTE: The Air/Marine and CB AM/Amateur Band (CB FM) 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 Freenet (FRN) bank.

EMG FRN PMR AIR MRN CB AM FM
149.025
SCAN

This SCAN screen shows that frequency 149.025 has been found through a search of the active (flashing) Freenet (FRN) bank.

FRN
149.025
HOLD SCAN

Press **HOLD**. HOLD displays.

CH 149.025
HOLD

Press **PROG**. CH displays and flashes.

51

```
        FRN
 6 0 0 0.0 0 0
  HOLD              L/O
```

Press the key for the bank you want to program. In this example, **FRN/PMR** was pressed.

```
        FRN
  1 4 9.0 2 5
  HOLD
```

The screen cycles between two displays. The first screen shows that channel 6 is the lowest available channel on the **Freenet (FRN)** bank (press **UP** or **DOWN** to select a different channel) and the second screen shows that frequency 149.025 is available to be programmed.

```
        FRN
    6 149.025
      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 channel 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 149.025
          HOLD
```

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.

53

$$CH\ 000.000$$

HOLD

Frequency changes to 000.0000 and CH continues flashing.

FRN

$$6\ 149.025$$

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 6 contains frequency 149.025.)

54

```
        FRN
    6 149.025
        HOLD
```

The screen cycles between two displays. The first screen shows that channel 6 on the **Freenet (FRN)** bank (149.025) is selected and the second screen shows that the null frequency (000.0000) is ready to be programmed.

```
        FRN
    000.000
        HOLD
```

```
        FRN
    6 000.000
    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.

55

PROGRAM LOCK FEATURE

The UBC355CLT 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 Pr9. Loc*" and then returns to previous mode. Attempts to program on a bank with Program Lock activated will display "*Pr9. Loc*" as a reminder. When Program Lock is turned off (press and hold **PROG** for longer than 2.5 seconds), the scanner displays "*OF Pr9. Loc*" and returns to the previous mode.

SELECT STEP FREQUENCY

You can change the steps of each band. Selected step affects both band search and Close Call. For air band, selected step affects more air service bank. If the scanner displays for 3 seconds while selecting step frequency mode, the scanner returns to Band Search.

1. Press **SEARCH** or **BAND/STEP** key to start Band Search.

2. Press and hold **BAND/STEP** key until the scanner displays the current steps and the confirmation tone is generated.

$$SP \quad 12.5 \quad \blacktriangle\blacktriangledown$$

3. Use **UP** or **DOWN** key to select steps from Auto, 5kHz, 6.25kHz, 10kHz and 12.5kHz.

4. Press **BAND/STEP** key to change the steps for air band, the scanner displays the current step for air band.

$$SP \quad \overset{AIR}{8.33} \quad \blacktriangle\blacktriangledown$$

5. Use **UP** or **DOWN** key to select steps for air band from 8.33kHz and 12.5kHz. And then press **PROG** key to exit and then the scanner returns to Band Search.

CLOCK MODE

Your scanner's Clock displays whenever you turn off the radio functions.

The time is indication for 24 hours. When the scanner is Clock Mode, no beep is generated. After 3 seconds when turning off the scanner, the backlight is turned off.

Follow the steps to set the current time:

1. Rotate the **VOLUME/CLOCK** knob counterclockwise to turn off the UBC355CLT unit.

2. Press and hold **PROG** key to enter the clock setting mode. The backlight is turned on. And then the clock time flashes.
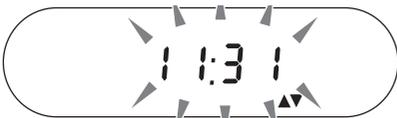
3. Press **UP** or **DOWN** key to change the time. Press and hold **UP** or **DOWN** key over 2 seconds to step up or down 15 minutes steps repeatedly. To cancel the setting, press **BAND/STEP** key.

4. Press **PROG** key to store the current time. The scanner displays the clock. After 3 seconds, the backlight is turned off.

After you press any key, the scanner exits Clock Setting Mode 3 minutes later.

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.
Scanner won't work (Cont.)	• 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.
Scan won't stop	Try one of these options: • Check and adjust Squelch. • Check the antenna connection.

PROBLEM	SOLUTION
Scan won't start	Try one of these options: • Press the bank key again. • Adjust the Squelch Control. • Program frequencies into the bank before using (for PRIVATE bank). • 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.
Search won't start	• Adjust the Squelch Control. • Check the antenna connection.
PROG 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.

63

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: 132mm (W) x 142mm (D) x 42mm (H)

Weight: 640g

Operating Temperature: – 20ºC (– 4ºF) to + 60ºC (+ 140ºF)
Power Requirements: DC 13.8V

- Banks: 8 banks total (7 Service banks / 1 Private bank)

- Emergency (EMG): 100 channels.(Some frequency is programed beforehand.)

- Freenet (FRN): 6 Preprogrammed plus 100 programmable channels

- PMR: 8 Preprogrammed.

- Air (AIR): 3840 Preprogrammed.

- Marine (MRN): 57 Preprogrammed.

- CB AM: 600 programmed.

- Amateur Band (CB FM): 400 programmed.

- PRIVATE: 100 channels fully user-programmable.

Search Band: 23 searchable bands:

Scan Rate:	50 channels/second
Search Rate:	60 steps/second 180 steps/second (5kHz steps band only)
Scan Delay:	2 seconds
Audio Output:	Max. 0.65 W
Antenna:	50 ohms (Impedance)

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

DECLARATION OF CONFORMITY

We: Uniden Corporation

2-12-7 Hatchobori

Chuo-Ku, Tokyo 104-8512

Japan

declare, under our sole responsibility, that this equipment:

Uniden Bearcat model UBC355CLT is in compliance with the essential requirements and other relevant provisions of the Council Directive1999/5/EC.

$$C\,E$$

MEMO

THANK YOU FOR BUYING A UNIDEN PRODUCT.

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