Uniden®

BC 350C
SCANNER

OWNER'S MANUAL

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 shock, or
damage to the unit, do not expose this unit to rain or moisture.

IMPORTANT!

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.

Changes or modifications to this product not expressly
approved by Uniden, or operation of this product in any way
other than as detailed by this Owner's Manual, could void
your authority to operate this product.

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About Your New BC350C

The BC350C is not just a scanner. It is a brand new information radio with automatic scanning capabilities. The built-in Service Scan system brings you instantly into the exciting world of scanning action. Best of all, you don't even have to program the scanner to begin using it!

The BC350C comes with 6 Service banks for monitoring police, fire/emergency medical services, marine, air, weather, and CB frequencies. Not only that, there's even a fully programmable bank for storing your own private collection of favorite frequencies.

With the BC350C, you can scan over 3,600 channels. In addition, the BC350C has 13 separate band search capabilities for even greater scanning action.

2 Service Scan banks, Police and Fire/EMS also have programmable channels to store additional police and Fire/EMS frequencies. So whenever you encounter a newly activated local frequency for either service category, you can add it to the bank for that category. This gives you quick access to the frequencies you want to hear.

So enjoy your BC350C!

What is Scanning?

Unlike standard AM or FM radio stations, most two-way communications (listed below) do not transmit continuously. The BC350C scans programmed channels at the rate of up to 100 channels per second until it locates an active frequency. When scanning stops on an active frequency, it remains on that channel as long as the transmission continues. When the transmission ends, the scanner stays on the channel for 2 more seconds, waiting for another transmission. If no response is detected, the scanning cycle resumes until anoth-er transmission is received.

Types of Communication

You will be able to monitor communication such as:

- Police and fire departments
  (including rescue and paramedics)

- NOAA weather broadcasts (10 pre-programmed channels, 2 are Canadian Marine Weather Channels)

- Citizens Band (CB)

- Business/industrial radio

- Motion picture and press relay

- Utility

- Land transportation frequencies, such as trucking firms, buses, taxis, tow trucks, and railroads

- Marine and amateur (ham radio) bands

- Air band

- And many more in the 25-54 MHz, 108-174 MHz, 406-512, and 806-956* MHz ranges

  * Excluding Cellular Telephone Band

What is Searching?

The BC350C can search each of its 13 bands to find active frequencies. This is different from scanning because you are searching for frequencies that have not been programmed into your scanner's channels. The scanner automatically chooses between two speeds (Search and Turbo Search) while searching. During Search Mode the scanner will search 100 frequencies per second, while in Turbo Search Mode the scanner can achieve up to 300 frequencies per second in the 5 kHz step band.

What is Trunk Tracking?

Conventional scanning is a simple concept. You enter a radio frequency in your scanner's memory which is used by someone you want to monitor. For example, the police in your area may transmit on 460.500 MHz, the fire department on 154.445 MHz, the highway department on 37.900 MHz, etc. So when your scanner stops on a frequency, you usually know who it is, and more importantly, you can stop on a channel and listen to an entire conversation. This type of scanning is easy and fun.

As the demand for public communications has increased, many public radio users don't have enough frequencies to meet their needs, and this has created a serious problem. Trunking radio systems have been implemented to solve this problem.

In a trunked radio system the frequencies are shared among the police and fire departments and a computer systematically assigns available frequencies when they are needed for communications.

Sharing of the available public service frequencies, or trunking, allows cities, counties, or other agencies to accommodate hundreds of users with relatively few frequencies. Following a conversation on a trunked system using a convertional scanner is difficult, if not impossible. Because when there's a short break during the conversation you're monitoring, a completely different frequency will be assigned within the trunked system when the conversation resumes.

If your local police, fire, and EMS agencies use a trunked system and you want to be able to follow their communications, you will want to purchase one of Uniden's Trunk Tracking Scanners.

Where to Obtain More Information

Before you can scan the Private bank, you must program the police, fire, EMS, or other interesting frequencies into the Scanners Channels.

Information on the Internet
If you have access to the internet, you may want to visit one of the following websites for additional information:

scanner.uniden.com
www.scannermaster.com
www.radioreference.com

Included with Your Scanner Package

- BC350C Auto Scanner
- Telescoping Antenna (Model AT-124)
- Fixable Mobile Antenna (AT002)
- AC Adapter (Model AD-140U)
- Cigarette Lighter Adapter Plug (CD007 (PS001))
- DC Power Cord (WZ647)
  for hard wiring power from your car to your scanner.
- Mobile Mounting Bracket (Model MB-007)
- This Operating Guide
- Registration Form
- Other Printed Materials

  If any of these items are missing or damaged, immediately contact your place of purchase or Uniden Customer Hotline at: 1-800-297-1023, 8:00 a.m. to 5:00 p.m., CST, Monday through Friday.

Optional Accessories
The following optional accessories for your BC350C are available from your local Uniden Dealer or through the Uniden Parts Department by calling: (800) 554-3988, 8:00 a.m. to 5:00 p.m., CST, Monday through Friday. We can also be reached on the web at: www.uniden.com.

Motorola Antenna Adapter (Model PLG-134) – Use only if your antenna has a Motorola type plug.

External Speaker (DSP20 or ESP5) – To increase speaker volume in noisy environments.

Summary of Features

The BC350C is a compact mobile/base scanner, and one of the most user friendly communication products available today.

The BC350C features:

- **Turbo search** – Allows your BC350C to search 300 steps per second. (5 kHz step band only)

- **Seven Banks** – 6 pre-programmed Service banks and one standard, programmable Private bank. These banks include:

    POLICE: 1,769 Factory programmed Police frequencies with 30 open channels allowing you to program additional police frequency into this bank.

    FIRE/EMS: 280 Factory Programmed fire/EMS frequencies plus an additional 20 open channels for you to program local fire/EMS frequencies into this bank.

    AIR: 1,519 Factory programmed frequencies which covers the complete AIR band, 118.000 to 136.975 MHz.

    MRN: 51 factory programmed frequencies which cover the complete Marine band.

    WX: 10 Factory programmed frequencies covering 8 NOAA Weather Service Broadcasts and 2 Canadian Marine Weather Broadcasts.

    CB: 40 factory programmed frequencies covering CB communications.

    PRIVATE: 50-channel, fully user-programmable bank.

- **13 Search Bands** – Use **[BAND]** to select a band to search.

Band	Frequency Coverage	Steps	Service
25 – 28	25.0000 to 27.9950 MHz	5 kHz	Citizens Band
28 – 30	28.0000 to 29.7000 MHz	5 kHz	10 Meter HAM
30 – 50	30.0000 to 49.9950 MHz	5 kHz	VHF Low Band
50 – 54	50.0000 to 54.0000 MHz	5 kHz	6 Meter HAM
108 – 137	108.0000 to 136.9875 MHz	12.5 kHz	Aircraft Band
137 – 144	137.0000 to 143.9950 MHz	5 kHz	Military
144 – 148	144.0000 to 147.9950 MHz	5 kHz	2 Meter HAM
148 – 174	148.0000 to 174.0000 MHz	5 kHz	VHF High Band
406 – 420	406.0000 to 419.9875 MHz	12.5 kHz	Federal Government
420 – 450	420.0000 to 449.9875 MHz	12.5 kHz	70 cm HAM
450 – 470	450.0000 to 469.9875 MHz	12.5 kHz	UHF Band
470 – 512	470.0000 to 512.0000 MHz	12.5 kHz	UHF "TV" Band
806 – 956	806.0000 to 823.9875 MHz	12.5 kHz	"800" Band*
	849.0125 to 868.9875 MHz		
	894.0125 to 956.0000 MHz		

* Excluding cellular telephone band

Installing the BC350C

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.

4. Use the desktop stand 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)

Installation for Temporary Use:
A Cigarette Lighter Power Cord is provided for easy, temporary installation.

> ***Warning:*** *Do not use the cigarette lighter power cord in a positive ground vehicle.*

Plug one end of the Cigarette Lighter Power Cord into the cigarette lighter jack and the other end into the DC 13.8V jack on the back of the scanner.

Connecting the Antenna Plug

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 antenna.)

Mounting the Radio for Everyday Use

The BC350C can be mounted using the mounting bracket.

1. Select an ideal location in your vehicle to mount the BC350C. Avoid a location 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 as a template for marking the location of the mounting screws.

Note: If there are screws already holding the dashboard, you can 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.

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

Connecting the Power Cord

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

Installation for Everyday Use:

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 note following 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).

Note: 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 of the scanner.

Controls and Functions
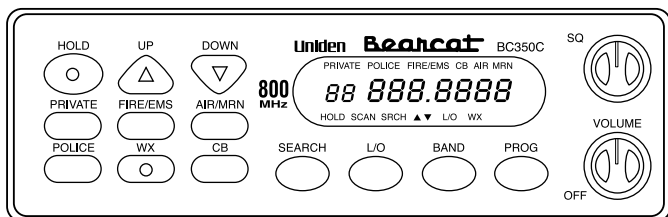
Front Panel

[HOLD] KEY   Press **[HOLD]** to stop scanning or
                        searching. Press any bank key or
                        [SEARCH] to deactivate Hold Mode.
                        In the Hold Mode, **[UP]** and **[DOWN]**
                        are active.

[UP] & [DOWN] KEYS These keys are used in several
                        different ways:

                        To manually step up or down a
                        frequency/channel in any Hold Mode,
                        use **[UP]** or **[DOWN]**.
                        Frequency/channel steps are all
                        preset for each band (see Technical
                        Specifications on page 32).

                        To change the direction of the search
                        during Search Mode, press **[UP]** to
                        search upward to a higher frequency,
                        or **[DOWN]** to search downward to a
                        lower frequency.

                        To rapidly search or scan
                        frequencies/channels upwards or
                        downwards, press **[UP]** or **[DOWN]**
                        for more than one second.

[PRIVATE] KEY   Use **[PRIVATE]** to instantly access
                        your private collection of favorite
                        frequencies. You can program up to
                        50 channels in the Private bank.
                        There are no pre-programmed
                        frequencies in this bank. After
                        programming, press **[PRIVATE]** to
                        activate Private Scan Mode, press
                        [HOLD] to stop scanning.

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Then use **[UP]** or **[DOWN]** to step through all 50 channels manually (including Locked Out channels).

[FIRE/EMS] KEY   Press **[FIRE/EMS]** to start scanning fire and emergency medical frequencies. The Fire/EMS bank already has 280 pre-programmed frequencies. They are used for fire department and emergency medical communications.

Because new frequencies may be activated in your local area, 20 extra open channels in this bank have been provided for programming additional frequencies (for programming new frequencies into this bank, see "Programming Frequencies" on page 24).

[AIR/MRN] KEY   Press **[AIR/MRN]** to start scanning air or marine frequency. Each time **[AIR/MRN]** is pressed, the searching bank is switched between Air and Marine.

The Air bank is fully pre-programmed (118.000 to 136.975 MHz). This scanner searches through all 1,519 frequency steps of the Air band.

All 51 marine channels are programmed into the Marine (MRN) bank.

[POLICE] KEY   Press **[POLICE]** to start scanning police frequencies. The Police bank contains 1769 known frequencies used by the police, including state troopers, local police and sheriff, etc. For new frequencies, 30 more channels in this bank have been provided for you to program (for programming new frequencies into this bank, see "Programming Frequencies" on page 24).

[WX] KEY	8 NOAA weather broadcasts and 2 Canadian marine weather broadcasts frequencies are programmed into the Weather (WX) bank. Press **[WX]** to find your local weather channel.
[CB] KEY	40 CB channels are programmed into the CB bank. Press **[CB]** to start scanning CB channels.
[SEARCH] KEY	Press **[SEARCH]** to start searching active frequencies within the band previously selected with **[BAND]**. Normally, the search continues from the frequency where it left off in the previous search.
	Use **[BAND]** to select the band you wish to search. When selecting a band to search, release the key and the scanner will automatically start searching frequency of its band. (The symbol ▲ appears next to "SRCH" on the display.) To search from a higher frequency to a lower frequency, press **[DOWN]**. (The symbol ▼ is now displayed next to "SRCH".
[L/O] KEY	Press **[L/O]** to "lock out" or prevent scanning of the displayed frequency. **[L/O]** is active only during opened squelch or in the Hold Mode. Locked out channels can be displayed on the screen by using the **[UP]** or **[DOWN]** to manually scan through the selected bank in Hold Mode only. " L/O " appears on the display to indicate that the channel is locked out.
[BAND] KEY	When you press **[BAND]**, the upper and lower limits of the band you are searching are displayed for 3 seconds, and then searching start. Then the display returns to the current frequency. Press **[BAND]** again within 3 seconds to step up one higher band.

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Press this key as many times as it takes to find the band you want to search.

IMPORTANT: This key has a very important secondary function. In Program Mode, you can press **[BAND]** to leave this mode.

[PROG] KEY
This key initiates and completes programming. It is active whenever a steady frequency appears on the display. Press **[PROG]** to start Programming Mode. " CH " appears and blinks, indicating you are in Programming Mode, and urges you to select the channel of the bank to be programmed. Press a programmable bank key (**[PRIVATE]**, **[FIRE/EMS]** or **[POLICE]**) to be programmed.

Note: *If you press a non-programmable bank key (***[WX]***, ***[AIR/MRN]***, or ***[CB]***),* "Error" *will be displayed, press a programmable bank key and try above steps again.*

**VOLUME Control/ Power Switch**
This control turns the scanner on or off, and also adjusts 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 Display
The liquid crystal display (LCD) shows the current channel or its frequency. It also displays the mode indicators, status indicators, and bank indicators. (See "Screens" on page 15 for more information.)
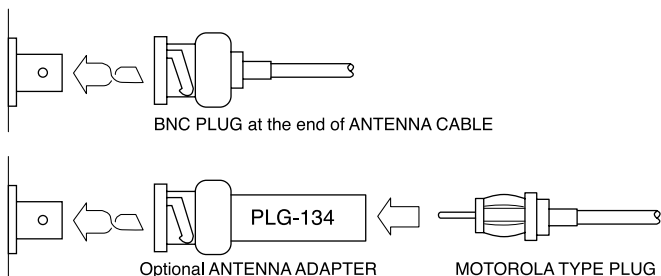
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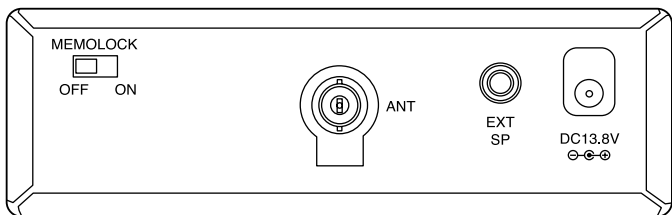
Rear Panel

MEMO LOCK Switch   In the ON position, the Program
(**[PROG]**) key is disabled. This pre-
vents any unauthorized programming
or accidental entries.
When programming is disabled,
pressing **[PROG]** emits the multi-
beep and displays "Prg-Loc".

ANT.
(Antenna) Connector

BNC PLUG at the end of ANTENNA CABLE

Optional ANTENNA ADAPTER   MOTOROLA TYPE PLUG

Connect your Antenna plug here.
If you have a Motorola-type plug, use
the optional adapter (PLG 134).

EXT. SP.   When using an optional External
(External Speaker)   Speaker system, connect the
Connector   External Speaker plug here.

**DC 13.8V**   Connect the DC power cable here.
Power Connector

*Note: Use only the specified AC
Adapter or DC power cord.*

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Screens

The following illustrates some of the screen displays you will use:

PRIVATE POLICE FIRE/EMS CB AIR MRN
88 888.8888
HOLD SCAN SRCH ▲▼ L/O WX

The digits and words on the screen at the left are shown for reference only. They do not all display at the same time.
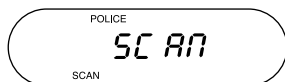
POLICE
5C AN
SCAN

SCAN Screen
" *5C AN* " scrolls through the display right to left. The display shows scanning the Police bank.

PRIVATE
1   37.4000
HOLD SCAN
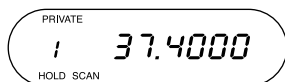
**SCAN, HOLD Screen
(in PRIVATE bank)**
This screen displays the channel number and frequency the scanner has stopped on **[HOLD]** has also been pressed. When scanning stops on an active frequency, the display will look like this screen, but without " HOLD " showing.

PRIVATE
1   000.0000
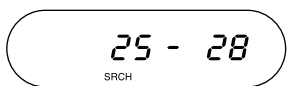HOLD SCAN   L/O

Open Channel Screen
If you press **[PRIVATE]** without programming the bank, you will see the screen a left.
" L/O " is displayed for all open channels.

25.7250
SRCH ▲
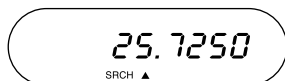
Search Screen
When Search stops on a frequency, you will see display like that shown at the left ▲ indicates upward search, and ▼ downward search.

Band Screen

$$25 - 28$$

SRCH

When pressing **[BAND]**, the band you are currently searching appears on the display. Press **[BAND]** again or press **[UP]** or **[DOWN]** within 3 seconds to change to another band. This display changes automatically to the Search screen.
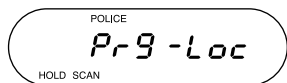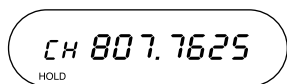
Programming Lock Screen

POLICE

$$Pr9 - Loc$$

HOLD SCAN

When you see this screen, you will not be able to program any frequencies into your scanner. Press any bank key, **[BAND]**, or **[SEARCH]** to erase this display.
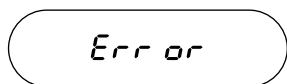
Programming Error Screen

$$Error$$

When you try to program a frequency into any of the non-programmable banks, "Error" appears on the display.

Programming Mode Screen

$$CH\ 807.7625$$

HOLD

When you enter the Programming Mode, "CH" blinks next to the frequency on the display. You can now select a bank to place the frequency in.

Scanning Overview

You can scan in one of three ways:

1. **Service Bank Scanning** Press one of the six service bank keys, **[POLICE]**, **[FIRE/EMS]**, **[AIR/MRN]**, **[WX]**, or **[CB]** to find an active frequency.

2. **Band Search** Select a frequency band to search. The Search function is different from scanning. It searches for any active frequency step by step within the lower and upper limits of the band. When an active frequency is found, the scanner will stop and stay on that frequency as long as that transmission lasts. If that frequency is interesting to you, press **[HOLD]** to hold the frequency in the display. Then program it into one of the programmable banks (Private, Police or Fire/EMS). If you do not want to program that frequency, press **[SEARCH]** or just wait untill the transmission ends. The search resumes automatically 2 seconds after the last transmission and looks for more active frequencies.

3. **PRIVATE Bank Scanning** If you have programmed frequencies into this bank, press **[PRIVATE]** to scan only those that you have programmed in this bank.

   Note: Before you can scan the Private bank, you must pro-gram frequencies into the channels. To program frequencies, see "Programming Frequencies" on page 24.

When scanning stops on an active frequency, it remains on that channel as long as the transmission continues. When the transmission ends, the scanner will remain on the same channel for 2 more seconds, waiting for a responding transmission. If there is no responding transmission within 2 seconds, the scanning cycle resumes.

Getting Started
The following instructions apply when using your BC350C (except for in the Program mode) for the very first time. Each time you turn on the scanner, it always retains the previous settings in its memory. That is, the scanner operates in the mode and bank last used, until you change the settings.
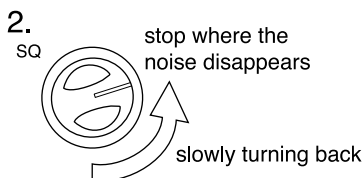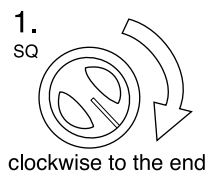
1. Turn the Squelch **[SQ]** fully clockwise to the end.

2. Power on the scanner by turning **[VOLUME]** clockwise. Adjust the volume to where you can hear a steady noise.

3. Set the squelch at the scanning threshold by turning **[SQ]** counterclockwise just until the noise disappears.

4. Press any of the Service bank keys: **[POLICE]**, **[FIRE/EMS]**, **[AIR/MRN]**, **[WX]**, or **[CB]**. The scanner automatically starts scanning the selected bank.

   Note: Later, when you have learned how to program channels in the Private bank, you can press **[PRIVATE]** *to scan your favorite collections.*

5. Adjust the volume to a comfortable listening level.

Adjusting the Squelch

1. Open the squelch by turning **[SQ]** clockwise to the end. You should hear a steady sound (scanning stops).

2. Turn **[SQ]** counterclockwise slowly until the sound disappears.
   This is the threshold point at which scanning starts.
   At the squelch threshold, an incoming signal just slightly stronger than the noise will open the squelch.

   Note: When squelch is open, you can hear a voice or hissing if squelch is set too low and there is no transmission (scanning is stopped). If squelch is set too tight, that is, too far counterclockwise from the threshold point, a stronger signal is required to open the squelch.

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Scanning

To start scanning, press any bank key: **[POLICE]**,
[FIRE/EMS], **[AIR/MRN]**, **[WX]**, **[CB]**, or **[PRIVATE]** keys.
When the BC350C is scanning, you can see the "SCAN"
message moving across the display. Scanning stops on any
active channel automatically and displays its frequency,
except those channels programmed with L/O (Lock Out).
Scanning resumes when you press the bank key or **[UP]** key.

To stop scanning at any time, press **[HOLD]**. When you press
[HOLD], you are in the Scan/Hold Mode. The scanner
remains on the displayed channel until you press the bank
key again to resume scanning. (Or, you can press **[SEARCH]**
to start searching.)

In the Scan/Hold Mode, each time you press **[UP]** or
[DOWN], you step up or down one channel at a time (one
frequency step each for the AIR bank). To rapidly step
through that bank, press and hold **[UP]** or **[DOWN]**. In the
Scan/Hold Mode, you do not skip a locked out (L/O) channel
using **[UP]** or **[DOWN]**.

While scanning and the scanner stops on an active channel
that you do not want to monitor, but you do not want to lock
out, you can simply press the bank key: **[PRIVATE]**,
[POLICE], **[FIRE/EMS]**, **[WX]**, or **[CB]** again or **[UP]**.

Notes: • *To resume scanning while in the Marine or Aircraft
mode, you can only press* **[UP]**. *Pressing the bank
key again will switch you from Marine to Air or Air
to Marine.*
• *Before you can scan the Private bank, you must
program the channels.*

Weather Channel Scan
The BC350C allows you to search for your local NOAA
weather channel.

Press **[WX]** to find the active weather channel in your area
from 10 pre-programmed channels. To exit Weather Mode,
press any other bank key or **[SEARCH]**.

It is possible that your area is covered by more than one
weather station.

When you press [**WX**], the BC350C will find an active broad-
cast immediately. If the broadcast sounds weak and distant,
press **[WX]** again to look for a closer station.

Notes: • *All weather channels transmit continuous broadcasts.*
Once the Weather scan stops on a transmission, it will remain on that channel. Weather scan will not resume automatically.
You must press **[WX]** *again to reactivate scanning. In some parts of the country, you may not be able to monitor weather broadcasts, such as in low-lying areas. Normally a higher location will improve the reception.*

• *It is not recommended to program a weather frequency into any banks. Because weather channels transmit continuously, the scanner will stop on that channel, disrupting the scanning cycle. The Weather Scan feature was provided specifically to avoid this occurrence.*

Channel Lock Out

• If the scanner stops on a particular channel due to noise or frequent un-wanted transmissions, you may want to keep that channel from being scanned. Using the channel Lock out feature will skip this channel during scanning.This does not erase the frequency from the channel.

• For programmable channels, you can lock out all the channels in a bank, if desired.
However, if you do, pressing that bank key will emit an error tone and the scanner will not scan (for Private bank).

• In the Police bank, MRN bank, CB bank, or Fire/EMS bank, you can lock out 30 factory pre-programmed channels (those frequencies that display without channel numbers in Scan Mode).

• You cannot lock out any frequency in the WX or AIR banks.

• **[L/O]** is active only when squelch is opened (scan is stopped) or in Hold Mode.

Locking Out an Unwanted Channel
In Scan Mode, press **[L/O]** when the scanner stops on a channel you do not want to hear. The scanner locks out that channel and immediately advances to the next channel to resume scanning.

In Scan/Hold Mode, press **[L/O]** to lock out the displayed channel/frequency. In this case pressing **[L/O]** will not advance to the next channel. "⌊⋅⁄⌋" will appear on the screen to indicate that the displayed channel is locked out.

Searching for Locked Out Channels
In Scan Mode, you will not see locked out channels.
However, to search for locked out channels and display them
on the screen, use **[UP]** and **[DOWN]** in Scan/Hold Mode.
These keys will enable you to search manually through the
bank in Hold Mode only. " L⁄0 " will appear on the screen to
indicate the locked out channel.

Restoring a Locked Out Channel
Suppose you want to unlock Channel 12 of the Private
bank. Press **[PRIVATE]** to start scanning. Press **[HOLD]** to
stop scanning. ("HOLD " & " SCAN " must appear on the
screen.) Use **[UP]** or **[DOWN]** to find locked out Channel 12
(which shows "L⁄0"). Then press **[L/O]**. "L⁄0" disappears to
indicate that Channel 12 is now unlocked and restored for
scanning.

Note: For the factory pre-programmed channels, the earliest
channel will be unlocked, when you lock out more than 30
channels.

Restoring All Locked Out Channels
1. You can unlock all locked out channels in any bank at one
   time. Press a bank key to start scanning.
2. Press **[HOLD]** to stop scanning.
3. Press and hold down **[L/O]** ("L⁄0" appears on the screen)
   for more than 2.5 seconds until you hear the multi-beep
   ("L⁄0" disappears).

Now all locked out channels in the bank are unlocked and
restored for scanning.

Band Search

The BC350C can search up to 13 separate frequency bands to help you discover new and exciting frequencies in your area.

To start searching, press **[SEARCH]**.

Searching starts from the frequency most recently used. Press **[UP]** or **[DOWN]** to change the searching direction. Searching stops on any active frequency automatically and displays its frequency. When the conversation stops on the active frequency, the scanner will resume searching for another active channel.

If you want to monitor a specific conversation, press **[HOLD]** to place the scanner in Hold Mode. The scanner will remain on the frequency displayed until you press **[SEARCH]** or **[BAND]** to resume searching.

In the Hold Mode, each time you press **[DOWN]** or **[UP]**, you step up or down one frequency at a time. To rapidly step through frequencies press and hold the **[DOWN]** or **[UP]**.

Displaying the Band Range

To display the frequency band range, press **[BAND]**. Each time you press **[DOWN]** or **[UP]** / **[BAND]**, you step up or down

$$25 - 28$$
SRCH

one band range at a time. Searching begins automatically 3 seconds after the band range is displayed (or you can press **[SEARCH]** to start searching).
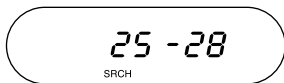
Frequency Lockout

If the scanner keeps stopping on a particular frequency due to noise or too frequent transmissions, you may want to lockout that frequency while searching.

To skip over a frequency, wait until the scanner stops at that frequency. Then press **[L/O]**. The scanner immediately resumes searching because the locked out frequency is no longer in the searching sequence.

Note: You can program up to 40 L/O frequencies. The 41st L/O frequency entered causes the 1st locked out frequency to become unlocked.

To restore one locked out frequency, place the scanner in the Hold Mode, use **[UP]** or **[DOWN]** to find the locked out frequency. Then press **[L/O]** to unlock the frequency and place it back in the search rotation. To restore all locked out frequencies in any band, press and hold **[L/O]** key for more than 2 seconds while in the Hold Mode.

Programming Frequencies

For the Police, Fire/EMS, or Private bank, you can store your favorite frequencies into the channels of each bank, one frequency per channel.

- You can program any displayed frequency on the screen.

- If you do not know any local frequencies you can search for an active frequency by scanning any service bank or searching any selected band. Then, when you find a desired frequency, program that frequency to the bank.

- You can also program a non-active frequency through the search mode.

- You cannot program a frequency into Air, MRN, CB, or WX.

Note:
- *It is recommended that you do not program a Weather frequency into the Private bank.*

- *In order to program the Private channels in your scanner you must obtain the frequencies of the agencies (Police, Fire, EMS, etc.) you want to monitor. Information on how to obtain these frequencies can be found "Where to Obtain More Information" on page 5.*

Programming from SCAN Mode:

When you find an interesting active police frequency while scanning, and want to program it into the private bank (see "Scanning" on page 19) to monitor their communications:
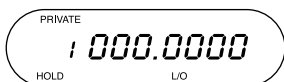
```
    POLICE
   465.3250
HOLD SCAN
```
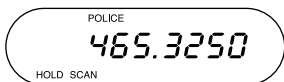
1. Press **[HOLD]**. "HOLD" appears on the display.

```
 CH 465.3250
HOLD
```
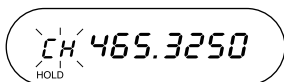
2. Press **[PROG]**. CH appears and blinks to indicate that you are in the Programming Mode. To change the displayed frequency, use **[UP]** or **[DOWN]** while "CH" is blinking.

```
    PRIVATE
   465.3250
HOLD
```
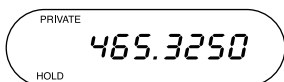
3. Press **[PRIVATE]**. "PRIVATE" appears on the display.

```
    PRIVATE
  1 000.0000
HOLD        L/O
```
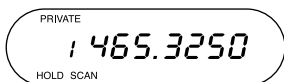
If you want to program it into another bank, press the desired bank key. The lowest open channel appears on the display.

2 screens alternate to indicate that open channel is available to be programmed.

The scanner automatically selects the lowest open channel (000.0000) for easy programming. If all channels have been programmed (there are no open channels in the bank), channel 1 appears.

Use **[UP]** or **[DOWN]** to select a new channel and even over-write old channels.

```
    PRIVATE
  1 465.3250
HOLD SCAN
```

4. Press **[PROG]** to store the frequency in the desired channel.
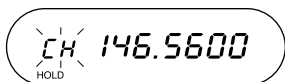
Note: *Press* **[BAND]** *to escape from programming mode before step 4.*

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Programming from SEARCH Mode:

For example, when you find an interesting active frequency while searching 144 - 148 band, and want to program it into the Private bank (see "Band Search" on page 22 to search a frequency):

```
  146.5600
HOLD    SRCH ▲
```
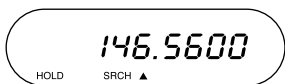
1. Press **[HOLD]**. "HOLD" appears in the display.

```
CH  146.5600
HOLD
```

2. Press **[PROG]**. CH appears and blinking to indicate that you are in the programming mode. To change the displayed frequency, use **[UP]** or **[DOWN]** while "CH" is blinking.

```
PRIVATE
   146.5600
HOLD
```
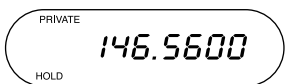
3. Press **[PRIVATE]**. "PRIVATE" icon appears in the display.

```
PRIVATE
  1 000.0000
HOLD        L/O
```
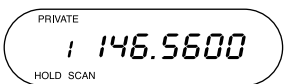
If you want to program it into another bank, press the desired bank key. The lowest open channel appear on the display.

2 screens alternate to indicate that open channel is available to be programmed.

The scanner automatically selects the lowest open channel (000.0000) for easy programming. If all channels have been programmed (there are no open channels in the bank), channel 1 appears.

Use **[UP]** or **[DOWN]** to select a new channel and even over-write old channels.

```
PRIVATE
  1 146.5600
HOLD SCAN
```

4. Press **[PROG]** to store the frequency in the desired channel.

*Note: Press **[BAND]** to escape from programming mode before step 4.*

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Deleting a Programmed Frequency (programming "000.0000")

You can erase a programmed frequency in a channel. To do this, find and display "000.0000", and then program "000.0000" into its channel.

1. Find and display "000.0000" on the screen

You can choose either of two ways:

a. If there is an open channel in the scanner, find "000.0000" in an open channel:
Press the desired bank key (Private, Police, or Fire/EMS), and then **[HOLD]**, and use **[UP]** and **[DOWN]** to scroll through the bank to find an open channel, "000.0000", then press **[PROG]**. "CH" is displayed and it is blinking.

– OR –

b. If all channels are programmed, find "000.0000" from the Search/Program Mode.

Every search band has one "000.0000" display included between the band limits. It can be displayed only in the Program Mode (after pressing **[PROG]** and "CH" is blinking in the display).

1) Select Search band by pressing **[BAND]** in the Search Mode, for example band 50-54.

2) Press **[HOLD]** to stop searching.

3) Press **[PROG]** to go into Program Mode.

4) Use **[UP]** or **[DOWN]** to display the lowest frequency (50.0000) or the highest frequency (54.0000).

5) Press **[UP]** once for the highest frequency, or **[DOWN]** once for the lowest frequency to display "000.0000" with blinking "CH".

2. Program "000.0000" into its Channel

For example to erase a programmed frequency in channel 13 of the Private bank:

```
 CH 000.0000
HOLD
```

```
PRIVATE
     000.0000
HOLD
```

```
PRIVATE
 1 465.3250
HOLD
```
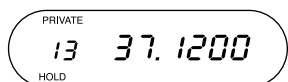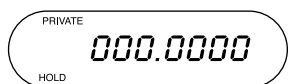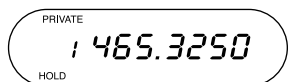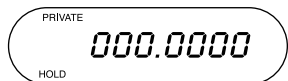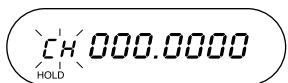
1) Press **[PRIVATE]** while this screen appears. To display this screen, see step 1 above. "PRIVATE" appears in the display.

   2 screens alternate to indicate that Channel 1 is ready to be programmed.

```
PRIVATE
     000.0000
HOLD
```

```
PRIVATE
 13  37.1200
HOLD
```

2) Use **[UP]** or **[DOWN]** to select Channel 13. Now, Channel 13 is ready to be programmed. To cancel programming, press **[BAND]**.

```
PRIVATE
 13 000.0000
HOLD SCAN      L/O
```

3) Press **[PROG]** to end programming.

   The frequency of Channel 13 is erased and now it is an open channel. L/O appears on the display because the scanner locks out all open channels automatically.

Program Lock Feature

The BC350C has a program lock feature "Memory Lock" to prevent accidental programming entries or unauthorized pro-gramming. Simply turn on the MEMO LOCK switch on the rear panel to disable **[PROG]** and protect your programmed frequencies in memory.

Helpful Hints

General Use
- 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 ele-ments or vents.

Cleaning
- Disconnect the power to the unit before cleaning.
- Clean the outside of the scanner with a mild detergent.
- 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 service-able parts. Contact the Uniden Customer Hotline at 1-800-297-1023 or take it to a qualified repair technician.

Birdies
All radios are subject to receiving 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-gen-erated signals inherent in the electronics of the receiver. If the interference is not severe, you might be able to turn **[SQ]** counterclockwise to cut out the birdie. Or, press **[SEARCH]** to resume searching. (Known birdie frequencies for the BC350C are: 108.785, 462.5625, 485.9, 814.0, 932.825, 938.375, and 940.9 MHz)

Troubleshooting

If your BC350C is not performing properly, try the steps listed below.

PROBLEM	PROBLEM
Scanner won't work	• 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 cigarette lighter cord.
	• Check to see if the fuse is blown.
	• Make sure the ignition key in your vehicle is at the Accessory position.
	• Make sure the power switch is turned on.
Improper reception	• 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	• 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.
Scan won't stop	• Check and adjust Squelch (see "Adjusting the Squelch" on page 18).
	• 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.

PROBLEM	PROBLEM
Scan won't start	• Press the bank key again.
	• Adjust the Squelch Control.
	• For the Private bank scanning program frequencies into the bank before using.
Search won't start	• Adjust the Squelch Control.
	• Check the antenna connection.
PROGRAM key won't work	• Scan or search must first be stopped.
	• MEMO LOCK Switch is ON.
If you still have a problem	• Call our customer hotline at 1-800-297-1023.

Technical Specifications

Banks:	**Total 7 banks:**	6 Service banks and 1 Private bank.
	POLICE:	1769 programmed plus 30 programmable channels
	FIRE/EMS:	280 programmed plus 20 programmable channels
	AIR:	1,519 programmed. (All aircraft)
	MRN:	51 Programmed. (All Marine)
	WX:	10 programmed. (8 for NOAA weather service and 2 for CANADA)
	CB:	40 programmed.
	PRIVATE:	50 channels fully user-programmable (Total 100 programmable channels)

Search Band: Total 13 Search bands:

(All FM except aircraft band and CB (AM))

Band	Frequency Coverage	Mode	Steps
25 – 28	25.0000 to 27.9950 MHz	AM	5 kHz
28 – 30	28.0000 to 29.7000 MHz	FM	5 kHz
30 – 50	30.0000 to 49.9950 MHz	FM	5 kHz
50 – 54	50.0000 to 54.0000 MHz	FM	5 kHz
108 – 137	108.0000 to 136.9875 MHz	AM	12.5 kHz
137 – 144	137.0000 to 143.9950 MHz	FM	5 kHz
144 – 148	144.0000 to 147.9950 MHz	FM	5 kHz
148 – 174	148.0000 to 174.0000 MHz	FM	5 kHz
406 – 420	406.0000 to 419.9875 MHz	FM	12.5 kHz
420 – 450	420.0000 to 449.9875 MHz	FM	12.5 kHz
450 – 470	450.0000 to 469.9875 MHz	FM	12.5 kHz
470 – 512	470.0000 to 512.0000 MHz	FM	12.5 kHz
806 – 956	806.0000 to 823.9875 MHz	FM	12.5 kHz
	849.0125 to 868.9875 MHz		
	894.0125 to 956.0000 MHz		

Sensitivity: **12 dB SINAD.**
(Nominal)

0.8 µV 25.000 - 28.000 MHz
0.3 µV 28.000 - 54.000 MHz
0.4 µV 137.000 - 174.000 MHz
0.3 µV 406.000 - 512.000 MHz
0.6 µV 108.000 - 136.9875 MHz
0.5 µV 806.000 - 956.000 MHz

Scan Rate:	100 channels per second
Search Rate:	100 steps per second / 300 steps per second (5 kHz steps band only)
Scan Delay:	2 seconds
Audio Output:	Max 2.7 W
Antenna:	50 ohms (Impedance)
Operating Temperature:	– 20ºC (– 4ºF) to + 60ºC (+ 140ºF)
Size:	5-3/16"(W) x 5-3/4"(D) x 1-5/8"(H)
Weight:	1 lb 6.5 oz.

Certified in accordance with FCC Rules and Regulations Part 15 Sub-part C as of date of manufacture.

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

One Year Limited Warranty

Important: Evidence of original purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden")

ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

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

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

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

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor at:

Uniden America Corporation
Parts and Service Division
4700 Amon Carter Blvd.
Fort Worth, TX 76155
(800) 297-1023, 8 a.m. to 5 p.m. CST, Monday through Friday

www.uniden.com

THANK YOU FOR PURCHASING A UNIDEN PRODUCT!

May be covered under one or more of the following U.S. patents:

4,627,100	4,841,302	4,888,815	4,932,074	4,947,456	5,014,348
5,199,109	5,408,692	5,428,826	5,438,688	5,448,256	5,465,402
5,471,660	5,483,684	5,530,296	5,548,832	5,551,071	5,574,995
5,577,076	5,598,430	5,600,223	5,642,424	5,710,992	5,896,422
5,991,346	5,991,603	6,012,158	6,025,758	6,034,573	6,064,270
6,266,521					

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