

OPTIONAL ACCESSORIES

The following optional accessories are available for your BC 147XLT at your local Uniden Dealer or from:

Parts: Uniden America Corporation
 9900 Westpoint Drive, P.O.Box 50463, Indianapolis, IN 46250
 (317) 842-1036, 8:00 A.M. to 5:00 P.M. EST, Monday through Friday

The **Betty Bearcat Frequency Directories** list tens of thousands of verified frequencies for police, fire, emergency, aircraft, railroad, and many other services. When you turn to your local area you will find new active frequencies full of exciting action. There are directories available for each region of the country. See the enclosed order form.

Telescoping Antenna – Replacement antenna for the BC 147XLT.

ESP 25 External Speaker – This rugged external speaker allows you to listen to your Scanner anywhere. Comes complete with window hanger and mounting bracket. Use of a scanner in a vehicle may be regulated or prohibited in some states. Check with your local authorities before operating a mobile scanner.

CONTROLS AND FUNCTIONS

On/Off/Volume

Turns the Scanner power on or off and adjusts the audio output level.

Squelch

Eliminates the annoying "rushing" sound heard between transmissions when no signal is being received. Proper setting of this control keeps the Scanner "quiet" and allows scanning until a signal is received.

LED Display

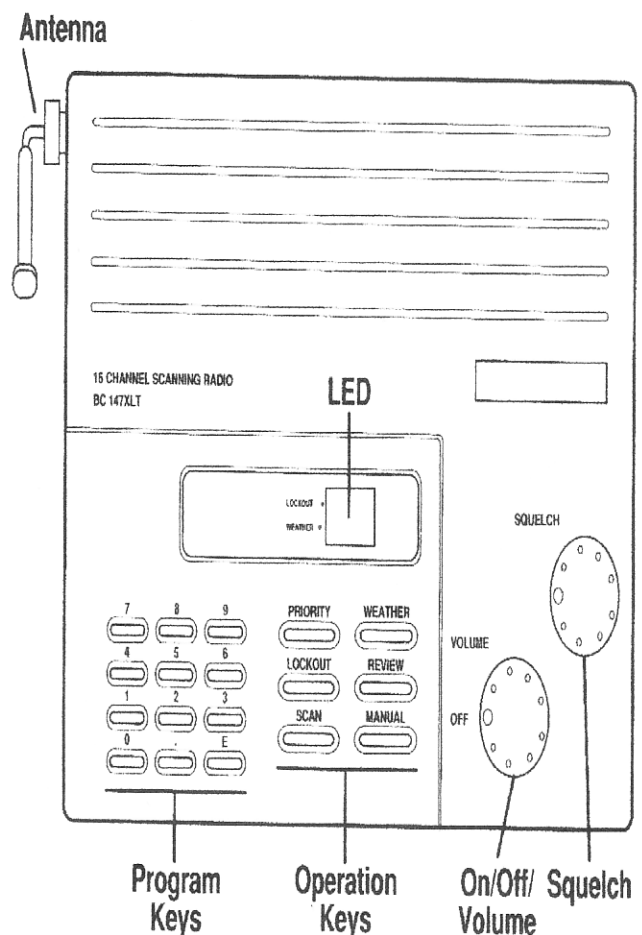
Your BC 147XLT has a two-digit LED display which shows the current channel. When the unit is scanning, the outside segments of the display will light up in a circular manner to indicate the scan mode. When the scanner stops, the current channel will again be displayed. When frequencies are programmed, the display will show the digits one at a time. When you wish to review a frequency in the current channel, simply press the **REVIEW** button. Each digit of the frequency will be displayed individually and the channel number will return.

Program Keys

Numeric keys **0** through **9** and **E** are used to program the frequencies into your scanner. **E** allows frequencies to be entered into the 16 memory channels for scanning.

Operation Keys

- PRIORITY** Samples Channel 1 every two seconds regardless of other operational settings. Priority function remains in memory.
- WEATHER** Searches all seven NOAA weather frequencies until locking on one actively broadcasting in your area.
- LOCKOUT** Locks out reception of signals on any selected channel during scanning. Lockout is retained in memory.
- REVIEW** Reviews the frequencies programmed in each channel.
- SCAN** Starts scanning all frequencies programmed in memory.
- MANUAL** Stops scan. Steps Scanner to the next channel or enter the channel number and press the **MANUAL** button to go directly to that channel.



OPERATION

The BC 147XLT has 16 memory channels. You can program each channel to store one frequency. By pressing **SCAN**, each of the programmed frequencies are sampled for a transmission (locked channels are skipped) at a rate of about 15 channels per second. If the Scanner finds an active frequency, it stops and monitors that frequency until there is no longer any activity. An automatic, two-second delay allows the Scanner to monitor the frequency for a return or continued transmission. If, after two seconds, the frequency remains inactive, the scanning cycle will resume.

When the Scanner is first turned on, each channel contains a test frequency. When new frequencies are programmed, the test frequency is erased. If you enter an invalid frequency, an "E" appears in the display and the old frequency returns.

Follow these steps to ensure proper use of your BC 147XLT.

1. Insert the antenna swivel connector into the antenna jack located on the left side of the Scanner. Extend the antenna to its full length.
2. Plug the AC adapter into the DC Power jack at the rear of the Scanner, and into a standard 120 VAC wall outlet.
3. Turn the Scanner ON by rotating the ON-OFF Volume control clockwise and adjust to the desired level.
4. Turn the Squelch control clockwise until you hear background noise, then turn it back counterclockwise until the noise disappears.

If you know the exact frequencies you wish to scan, proceed with "Programming". If you do not know the frequencies of the agencies (i.e., police, fire, weather, etc.) you wish to scan, check with your dealer. Uniden also makes available lists of frequencies in its Betty Bearcat Frequency Directories.

OPERATION

Manual Channel Selection

To manually select a channel, press the **MANUAL** button repeatedly until the desired channel number appears in the display. OR

Press the channel number, then press the **MANUAL** button. The Scanner will automatically advance to the desired channel.

Lockout

Select the channel you wish to skip. Press the **LOCKOUT** button. The Lockout indicator also appears in the display whenever that channel appears. To remove Lockout, press the **LOCKOUT** button on that channel.

Delay

The BC 147XLT has a built in Delay feature which automatically adds a two-second delay on all channels to avoid missed transmissions. This feature is built into the Scanner and cannot be disabled.

Priority

Use the Priority function when it is important to keep track of the activity on one frequency while listening to others. Program the important frequency into Channel 1. Press the **PRIORITY** button to activate the Priority function. The scanner will check Channel 1 for activity every two seconds. (A "P" will appear in the display while the scanner is checking.) If a transmission is found, the scanner will monitor that channel. If no signal is found, the scanner will return to the previous channel and function. Press the **PRIORITY** button again to turn off the Priority function.

Weather

Press the **WEATHER** button to scan all seven NOAA weather frequencies. The Weather indicator will light up. The scanner will stop on the active frequency in your area and monitor it for the latest weather conditions. Press the **MANUAL** button to return to normal operation. If there are no NOAA stations within range of your scanner, the scanner will continue to search until you press the **MANUAL** button.

Programming

To program a frequency into a channel, press the digits of that frequency, including the decimal point, then press the **E** button. If you enter an invalid frequency, an "E" appears in the display and the Scanner will return to the original frequency. To change a frequency, enter the new frequency. The old frequency will be erased.

Example: To program 162.550 MHz into channel 2:

PRESS: **2** **MANUAL** **1** **6** **2** **.** **5** **5** **E**

To check the frequency entered, press the **REVIEW** button.

To program 471.237 into next channel 7:

PRESS: **7** **MANUAL** **4** **7** **1** **.** **2** **3** **7** **E**

HELPFUL HINTS

Your scanner is a versatile instrument. The following operating hints will help you use all of its features.

1. Always remember to press the **E** button when programming a desired frequency.
2. When disconnecting the AC adapter from the outlet, make sure the scanner is turned off. You may wish to record your programmed frequencies (on paper) before power is interrupted in case memory is lost.
3. If memory is lost, simply reprogram the proper frequencies. Memory loss is indicated by unfamiliar frequencies (test frequencies) in each channel.
4. If strong interference or electrical noise is received, you may need to relocate your scanner. A higher elevation such as the second floor may provide better reception. You may also try changing the height or angle of the antenna.
5. When operating the keyboard, press firmly in the center of the button with the tip of your finger.
6. Do not use the Scanner in high moisture environments such as the bathroom or kitchen. Avoid placing the Scanner in direct sunlight or near heating elements or heating vents.
7. Clean outside cabinet with a mild detergent. Do not use abrasive cleaners or solvents. Be careful not to rub LED window area.
8. There are no user serviceable parts inside the Scanner. Do not attempt any repairs. If you suspect a problem, call the Uniden Customer Service Center or refer to a qualified repair technician.

Birdies

All scanners are subject to receiving undesired signals. If the BC 147XLT stops during search mode and no sound is heard, it may be receiving a "Birdie". Birdies are internally generated signals inherent in the electronics of the Scanner. Press the **SCAN** button to continue scanning.

Note: Environmental sources of interference such as power line noise, a television set or other electrical appliances may generate signals that create the same effect. Moving the Scanner may eliminate such interference.

Troubleshooting

If your BC 147XLT is not performing up to your expectations, please try the simple checks listed below.

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| 1. Scanner is <i>not working properly</i> .
Check power cord and wall switch.
Check Volume and Squelch controls.
Make sure programmed frequencies are correct. | 5. <i>Incomplete reception</i> .
Your Scanner is in a fringe signal area.
Find the least obstructed area in your home.
Check Squelch adjustment. |
| 2. Signal is <i>weak or distorted</i> .
Check antenna connection.
Check proper frequencies.
Make sure frequency is active. | 6. <i>Weather search won't work</i> .
Check Squelch adjustment.
Check if Priority is on.
No active station within range. |
| 3. <i>Improper Reception</i> .
Check proper frequencies
Reposition Scanner.
Check antenna connection. | 7. <i>Priority won't work</i> .
Check Squelch adjustment.
Improper frequency in channel one. |
| 4. <i>Scan won't stop</i> .
Check Squelch adjustment. | |

If you still cannot get satisfactory results and you wish to receive information on the product or to send back the Scanner for repair or service, please call or write the Uniden Customer Service Center at:

UNIDEN CUSTOMER SERVICE CENTER
9900 WESTPOINT DRIVE, P.O. BOX 501368, INDIANAPOLIS, IN 46250
(317) 842-2483, 8:00 A.M. to 5:00 P.M. EST, Monday through Friday