Uniden UBC-125XLT

Uniden Bearcat UBC-125XLT Portable Radio Scanner Receiver User Manual

Model: UBC-125XLT

Introduction

The Uniden Bearcat UBC-125XLT is a high-performance 500-channel portable radio scanner receiver designed for monitoring a wide range of frequencies from 25 MHz to 960 MHz. This compact and versatile device allows users to track and organize various transmissions, making it an essential tool for enthusiasts and professionals alike. Its features include advanced scanning capabilities, alpha tagging for easy identification, and PC programming options for convenient management.





Figure 1: Front view of the Uniden Bearcat UBC-125XLT portable radio scanner.

Setup Guide

1. Package Contents

Before beginning, ensure all items are present in the package:

- Uniden Bearcat UBC-125XLT Scanner
- Antenna
- Belt Clip
- USB Cable

- AC Adapter (for charging)
- 2 x AA Rechargeable Batteries (pre-installed or included separately)
- Wrist Strap



Figure 2: Included accessories for the UBC-125XLT scanner.

2. Battery Installation and Charging

The scanner operates on two AA batteries. Rechargeable batteries are included and can be charged internally via the USB port.

1. Locate the battery compartment cover on the back of the scanner.
2. Slide the cover downwards to open.
3. Insert the two AA batteries, ensuring correct polarity (+/-).
4. Replace the battery compartment cover.
5. To charge, connect the scanner to the AC adapter using the supplied USB cable. The charging indicator will illuminate.

3. Antenna Attachment

Attach the supplied antenna to the BNC connector on the top of the scanner.

1. Align the antenna's BNC connector with the scanner's BNC port.
2. Push down and twist clockwise until the antenna locks into place.





Figure 3: The UBC-125XLT scanner with its antenna attached.

4. Initial Power On

Press and hold the **Power** button (located at the bottom left of the keypad) to turn the scanner on. The display will illuminate, and the scanner will be ready for operation.

Operating Instructions

1. Basic Controls and Display

Familiarize yourself with the scanner's keypad and display. The LCD screen provides information on current frequency, channel number, alpha tag, and various status indicators. Key buttons include:

- **Hold**: Stops scanning on the current frequency.
- **Scan**: Initiates or resumes scanning programmed channels.
- **Srch (Search)**: Activates frequency search modes.
- **L/O (Lockout)**: Skips a specific frequency or channel during scanning.
- **Func (Function)**: Activates secondary functions of keys.
- Numeric Keypad (0-9): For direct frequency entry and menu navigation.

2. Channel Programming

The UBC-125XLT features 500 channels organized into 10 banks. Channels can be programmed manually or via PC software.

Manual Programming:

1. Press **Hold** to stop scanning.
2. Enter the desired frequency using the numeric keypad.
3. Press **Func** then **Pgm E** to store the frequency into a channel.
4. Follow on-screen prompts to select a bank and channel number.

PC Programming:

For advanced programming and management, connect the scanner to a computer using the USB cable. Software (available separately or for download from Uniden's website) allows for easier channel management, alpha tagging, and system configuration. Minimum system requirements: Windows 7.

3. Scanning Modes and Features

The scanner offers various modes to optimize your listening experience.

Frequency Coverage:

The UBC-125XLT covers frequencies from 25-88 MHz, 108-174 MHz, 225-512 MHz, and 806-960 MHz (with some gaps). This range includes common bands for police, fire, ambulance, aircraft, and amateur radio.

Service Searches:

The scanner comes with 7 pre-programmed service bands for quick access to common frequencies. These include Emergency, Freenet PMR446, Marine, Aircraft, CB Radio, and HAM Radio. To activate, press **Srch** and then the corresponding number key (1-7) for the desired service band.

Close Call RF Capture Technology:

This feature allows the scanner to detect and tune to nearby strong radio transmissions instantly, even if they are not programmed into a channel. It is ideal for identifying active local transmissions.

Alpha Tagging:

Assign custom names (alpha tags) to your programmed channels. This makes it easier to identify transmissions without memorizing frequencies. Alpha tags can be entered manually or more conveniently via PC programming software.

Priority Scan:

Designate specific channels as priority channels. The scanner will periodically check these channels while scanning other frequencies, ensuring you don't miss important transmissions.

Backlit Display:

The display features a backlight for improved visibility in low-light conditions. This can be toggled on or off via the menu settings to conserve battery life.

Maintenance

1. Cleaning

To maintain the scanner's appearance and performance:

- Wipe the exterior with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Keep the display screen clean and free of smudges.

2. Battery Care

Proper battery care extends battery life and ensures optimal performance:

- Use only the recommended AA rechargeable batteries.
- If using non-rechargeable AA batteries, ensure the internal charging function is disabled in the scanner's settings to prevent damage.
- Charge batteries fully before first use.
- If the scanner will not be used for an extended period, remove the batteries to prevent leakage.

3. Storage

Store the scanner in a cool, dry place away from direct sunlight, extreme temperatures, and excessive dust or moisture.

Troubleshooting

Problem	Possible Cause	Solution
Scanner does not power on.	Low or dead batteries; incorrect battery installation.	Charge or replace batteries. Ensure batteries are inserted with correct polarity.
No reception or poor audio.	Antenna not connected; weak signal; frequency out of range; squelch set too high.	Ensure antenna is securely attached. Move to an area with better signal. Check frequency range. Adjust squelch level.
Scanner stops on unwanted frequencies.	Frequency not locked out.	Press **L/O** to lock out the unwanted frequency.
PC programming not working.	Incorrect USB driver; software issue; cable not connected properly.	Install correct USB drivers. Ensure software is compatible with your OS (Windows 7 or higher recommended). Check USB cable connection.

Specifications

Feature	Detail
Model Name	Uniden Bearcat UBC-125XLT
Channels	500 (in 10 banks)
Frequency Coverage	25-88 MHz, 108-174 MHz, 225-512 MHz, 806-960 MHz (with gaps)
Connectivity	USB (for charging and PC programming)
Power Source	2 x AA batteries (rechargeable included)
Dimensions (H x W x D)	11.5 x 6.7 x 3.3 cm (approx.)
Weight	170 g (approx.)
Antenna Connector	BNC
Headphone Jack	3.5mm
Manufacturer	Sharman MultiCOM

Warranty and Support

Warranty Information

Uniden products typically come with a limited manufacturer's warranty covering defects in materials and workmanship.

The specific duration and terms of the warranty may vary by region and purchase date. Please refer to the warranty card included with your product or visit the official Uniden website for detailed warranty information.

Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Uniden customer support. Support resources, including FAQs, software downloads, and contact details, are usually available on the official Uniden website. When contacting support, please have your product model number (UBC-125XLT) and purchase information ready.
For additional resources and community support, online forums and video tutorials (e.g., on platforms like YouTube) can provide valuable insights into operating and programming the UBC-125XLT scanner.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How do I perform a factory reset on the Uniden UBC-125XLT scanner?

To perform a factory reset on the Uniden UBC-125XLT scanner and clear all programmed memory, follow these steps:Turn off the scanner.Press and hold the 2, 9, and Hold keys simultaneously.While holding these three keys,...

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