Uniden BCT-15

Uniden BCT15 BearTracker Mobile Tracking Scanner Instruction Manual

Model: BCT-15

Brand: Uniden

Introduction   **Setup**   **Operating**   **Specifications**   **Support**

1. INTRODUCTION

This manual provides comprehensive instructions for the Uniden BCT15 BearTracker Mobile Tracking Scanner. Designed for mobile use, this scanner offers advanced features for monitoring various radio communications, including trunked systems and location-based scanning. Please read this manual thoroughly to ensure proper operation and to maximize the functionality of your device.

Figure 1: Front view of the Uniden BCT15 BearTracker Mobile Tracking Scanner.

2. SETUP

2.1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing contents are present and undamaged. The package typically includes the scanner unit, a power cable, a USB cable, a telescopic BNC antenna, and a mounting bracket.

Video 1: Unboxing and overview of the Uniden BCT15X Scanner. This video demonstrates the contents of the package and provides a visual inspection of the scanner unit and its accessories. While the video features the BCT15X, the unboxing process and included accessories are largely similar to the BCT15 model.

2.2. Connecting the Antenna

Attach the provided telescopic BNC antenna to the BNC connector located on the rear of the scanner. Ensure the connection is secure but do not overtighten.

2.3. Power Connection

The BCT15 scanner can be powered via a 3-pin power connector for vehicle installation or an AC adapter for home use. The 3-pin connector supports primary power and ignition sense, allowing the unit to shut down with the vehicle to prevent battery drain. Connect the appropriate power source to the rear power input.

2.4. Computer Connection (Optional)

For advanced programming and management, connect the scanner to a computer using the provided USB cable. This allows for easier programming of channels and settings via compatible software.

3. OPERATING INSTRUCTIONS

3.1. Powering On/Off and Volume Control

To power on the scanner, rotate the VOLUME knob clockwise. To power off, rotate it counter-clockwise until it clicks. Adjust the volume to a comfortable listening level using the same knob.

3.2. Basic Scanning

The scanner is pre-programmed with various service bands. To initiate scanning, press the **SCAN** button. The scanner will cycle through active frequencies within the selected service bands. Press **HOLD** to pause on a specific frequency.

3.3. TrunkTracker III Technology

The BCT15 features TrunkTracker III, enabling it to follow conversations on Motorola, EDACS, and LTR analog trunked radio systems. This allows for continuous monitoring of specific talk groups within these systems.

3.4. Location-Based Scanning with GPS Support

With GPS support (GPS unit not included), the scanner can automatically select systems based on your exact location. This feature simplifies mobile operation by ensuring you are always monitoring relevant local frequencies.

3.5. Close Call RF Capture Technology

Close Call RF Capture Technology instantly detects and tunes to nearby transmissions, even if they are not programmed into the scanner. This is useful for identifying unknown local frequencies without interrupting ongoing conversations on programmed channels.

3.6. Weather Alert and Fire Tone-Out

The scanner includes a Weather Alert feature to notify you of severe weather conditions. It also supports Fire Tone-Out, allowing it to alert you to specific fire department dispatches.

3.7. Programming Channels

The BCT15 offers 2500 dynamically allocated channels, up to 400 systems, and 100 Quick Keys with 10 Channel Group Quick Keys per system. Channels can be programmed manually via the keypad or more efficiently using computer software (not included) connected via the USB port. Refer to the detailed programming guide in the full manual for specific steps.

4. Maintenance

4.1. General Care

Keep the scanner clean and free from dust. Use a soft, dry cloth for cleaning. Avoid exposing the unit to extreme temperatures, humidity, or direct sunlight. Do not use harsh chemicals or abrasive cleaners.

4.2. Battery Information (for compatible models/accessories)

While the BCT15 is a mobile/base unit, if using any accessories that require batteries, ensure to use the correct type and replace them as needed. For rechargeable batteries, follow manufacturer guidelines for charging.

5. Troubleshooting

5.1. No Reception

- Ensure the antenna is securely connected.
- Verify that the volume is turned up and squelch is properly adjusted.
- Check if you are within range of active transmissions for the programmed frequencies.
- Confirm that the frequencies are correctly programmed and not locked out.

5.2. Power Issues

- Ensure the power cable is securely connected to both the scanner and the power source.
- If using in a vehicle, check the vehicle's power outlet or wiring for issues.
- If using an AC adapter, verify it is functioning correctly.

5.3. Programming Difficulties

Manual programming can be complex. Consider using compatible computer software for easier programming. Ensure the correct frequencies and system types are being entered.

6. Specifications

- **Product Dimensions:** 11.2 x 8.7 x 3.6 inches
- **Item Weight:** 5.75 pounds
- **Model Number:** BCT-15
- **Brand:** Uniden
- **Color:** Black
- **Number of Channels:** 2500 Dynamically Allocated Channels
- **Trunking Systems:** TrunkTracker III (Motorola, EDACS, E.F. Johnson)
- **Frequency Range:** 25-512 MHz, 806-956 MHz, 1240-1300 MHz (excluding cellular)
- **Special Features:** BearTracker Warning System, Close Call RF Capture Technology, Alert+, Temporary Lockout, Fire Tone-Out, Dangerous Crossing/Road/POI Alerts, DIN-E Mounting
- **GPS Support:** Yes (GPS unit not included)
- **Water Resistance Level:** Not Water Resistant

7. Warranty Information

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Uniden website. Extended protection plans may be available for purchase separately.

8. SUPPORT

For further assistance, technical support, or to download the full owner's manual, please visit the official Uniden website: Uniden Official Store.

Related Documents - BCT-15

	Uniden BCT15 BearTracker Scanner: Owner's Manual & Quick Start Guide Explore the Uniden BCT15 BearTracker scanner with this comprehensive owner's manual and quick start guide. Learn about its advanced features like Trunk Tracker III, GPS compatibility, and wide frequency monitoring capabilities. Includes setup, operation, and programming instructions.
	Uniden BearTracker 885 Owner's Manual Comprehensive owner's manual for the Uniden BearTracker 885, detailing its features as a CB radio, scanner, and early-warning system. Includes setup, operation, troubleshooting, and specifications.
	Uniden BC125AT Handheld Scanner: Features, Specifications, and Overview Discover the Uniden BC125AT handheld scanner, a compact device offering 500 alpha-tagged channels, VHF/UHF/Airband reception, Close Call RF Capture, PC programming, and weather alerts. Get detailed features and specifications for this versatile scanner.
	Uniden BC 235XLT Scanner Operating Guide: Features and Setup Explore the Uniden BC 235XLT radio scanner with this comprehensive operating guide. Learn about its advanced Trunk Tracking capabilities, scanning features, setup instructions, and how to monitor various public safety and communication bands.
	Uniden UBCD3600XLT Owner's Manual Comprehensive owner's manual for the Uniden UBCD3600XLT scanner, detailing its features, setup, operation, and advanced functions.

Uniden

SR30C Owner's
Manual

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Printed in Vietnam
U01UB560ZZZ(0)

[Uniden SR30C Handheld Scanner: Owner's Manual and User Guide](#)
Explore the features and operation of the Uniden SR30C handheld scanner with this comprehensive owner's manual. Learn about setup, scanning basics, special features like Close Call RF Capture, and troubleshooting.