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Uniden UBCD3600XLT

Uniden UBCD-3600XLT Digital Handheld Scanner

INSTRUCTION MANUAL

Introduction

The Uniden UBCD-3600XLT is a versatile handheld scanner designed for receiving both analog and digital radio transmissions. This model supports advanced digital modes such as APCO25 Phase 1 and Phase 2, and DMR. It is specifically adapted for European standards, building upon the capabilities of its predecessor, the UBC3500XLT, and is based on the US BCD436HP model. This manual provides essential information for setting up, operating, and maintaining your scanner to ensure optimal performance.

What's in the Box

- Uniden UBCD-3600XLT Digital Handheld Scanner
- Antenna
- Rechargeable Batteries (AA size)
- AC Adapter/Charger
- USB Cable
- Belt Clip
- Micro SD Card (pre-installed or included)
- Owner's Manual (this document)

Please inspect all contents upon unboxing to ensure all items are present and undamaged. If any items are missing or damaged, contact your retailer or Uniden customer support.



Image: All components included in the Uniden UBCD-3600XLT package, neatly arranged on a white background.

Product Overview

The Uniden UBCD-3600XLT features a robust design with a clear LCD display and a comprehensive keypad for easy navigation and operation. Its compact size makes it ideal for handheld use.



Image: Front view of the Uniden UBCD-3600XLT scanner, showcasing its display, keypad, and antenna.



Image: The scanner's front with the screen active, showing frequency and mode details.



Image: Back view of the scanner, highlighting the battery cover and product information labels.



Image: Left side of the scanner, detailing the side buttons and connectors.



Image: Right side of the scanner, featuring the GPS and USB connection ports.



Image: A slightly angled front view of the scanner, emphasizing its overall form factor.

Key Features

- **Wide Frequency Range:** Covers 25 – 1300 MHz for extensive reception capabilities.
- **Analog and Digital Modes:** Supports both analog and digital reception, including APCO25 Phase 1 and Phase 2, and DMR.
- **Close Call RF Capture:** Quickly detects and tunes to nearby radio transmissions.
- **Backlit Keypad and LCD:** Ensures visibility and ease of use in various lighting conditions.
- **Advanced Scanning and Search Functions:** Includes custom search options for tailored monitoring.
- **FM Radio:** Integrated FM radio functionality.
- **Micro SD Card Slot:** For storing favorite lists and recording received transmissions.
- **Optional GPS Control:** Allows for location-based scanning and features when connected to an optional GPS unit.
- **Trunk Tracker V Operation:** Enables monitoring of trunked radio systems.

Setup

1. **Battery Installation:** Open the battery compartment on the back of the scanner. Insert the three AA batteries, ensuring correct polarity. Close the compartment securely.
2. **Charging the Batteries:** Connect the USB cable to the scanner and the AC adapter. Plug the AC adapter into a power outlet. The scanner will display a charging indicator. For optimal battery life, charge for approximately 4 hours. Note: The scanner cannot be charged while in operation via USB; it must be switched off to charge.
3. **Antenna Attachment:** Screw the supplied antenna clockwise onto the antenna connector at the top of the scanner until it is finger-tight. Do not overtighten.
4. **SD Card Insertion:** Locate the micro SD card slot (usually under the battery cover or on the side). Insert the micro SD card gently until it clicks into place. This card is essential for storing settings, favorite lists, and recordings.
5. **Initial Power On:** Press and hold the power button (usually on the top or side) to turn on the scanner. Follow any on-screen prompts for initial setup, such as setting the date and time.

Operating Instructions

1. **Basic Scanning:** To begin scanning, ensure you have programmed frequencies or favorite lists. Press the 'Scan' button to start cycling through active channels.
2. **Frequency Entry (VFO Mode):** To manually enter a frequency, switch to VFO (Variable Frequency Oscillator) mode. Use the keypad to input the desired frequency and press 'Enter'.
3. **Saving Frequencies (Memory Channels):** Once a frequency is active in VFO mode, navigate to the 'Menu' and select the option to save it to a memory channel or a favorite list. Follow the on-screen instructions to assign a channel number and any other relevant parameters.
4. **Digital Mode Operation:** The scanner automatically detects digital signals (DMR, APCO25). Ensure your favorite lists or programmed channels are configured for the correct digital mode if you are monitoring specific digital systems.
5. **Using Close Call:** Activate the 'Close Call' feature to detect and tune into strong nearby transmissions. This is useful for identifying active frequencies in your immediate vicinity.
6. **Adjusting Squelch:** The squelch control (often a knob or menu setting) eliminates background noise when no signal is present. Adjust it until the background hiss disappears but weak signals can still be heard.
7. **Recording Transmissions:** The scanner can record incoming signals to the micro SD card. Refer to the 'Menu' for recording options, including manual recording and adjustable loop recording (e.g., 30-240 seconds). Recordings are typically saved in .wav format.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the scanner. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no moisture enters the device. Do not use abrasive cleaners or solvents.
- **Battery Care:** Always use the recommended AA rechargeable batteries. Avoid overcharging or completely draining the batteries frequently. If storing the scanner for an extended period, remove the batteries.
- **Firmware Updates:** Periodically check the Uniden website for firmware updates. Updates can improve performance, add features, or fix bugs. Follow the instructions provided with the firmware update carefully.
- **SD Card Management:** Regularly back up important data from your micro SD card to a computer. Format the SD card periodically to maintain performance, especially if you experience slow recording or saving times.

Troubleshooting

- **No Power:** Ensure batteries are correctly installed and charged. Check the AC adapter and USB cable connections.
- **No Reception/Weak Signals:** Verify the antenna is securely attached. Check the squelch setting; if it's too high, it may block weak signals. Ensure you are within range of active transmissions.
- **"Out of Band!" Message:** This indicates an attempt to enter a frequency outside the scanner's operational range or a blocked frequency. Refer to the specifications for the valid frequency bands.
- **Display Issues:** If the display is dim or unresponsive, check battery levels. If the issue persists, try resetting the scanner (refer to the full manual for reset procedures).
- **Digital Mode Problems:** Ensure the correct digital mode (DMR, APCO25) is selected for the channel. Some digital systems may be encrypted and thus not decodable.
- **Recording Issues:** Check if the micro SD card is properly inserted and has sufficient free space. Ensure the card is not corrupted; try formatting it after backing up data.

For more detailed troubleshooting, please consult the full owner's manual or the Uniden support website.

Specifications

Feature	Detail
Manufacturer	UNIDEN
Model Number	UBCD3600XLT
Product Dimensions	7.2 x 3.7 x 16.1 cm
Weight	440 g
Scanner Type	Radio
Connectivity Technology	USB
Minimum System Requirements	Windows 10, macOS 11 Big Sur
First Available Date	February 1, 2017

Warranty and Support

For warranty information, please refer to the documentation included with your product or visit the official Uniden website. Warranty terms and conditions may vary by region. For technical support, troubleshooting assistance, or service inquiries, please contact Uniden customer support through their official channels. Keep your purchase receipt and product serial number handy when contacting support.

