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› Uniden UBC355CLT Base Scanner Receiver User Manual

Uniden UBC355CLT

Uniden UBC355CLT Scanner Receiver User Manual

Comprehensive guide for setup, operation, and maintenance of your Uniden UBC355CLT Base Scanner.

INTRODUCTION

This manual provides detailed instructions for the Uniden UBC355CLT Scanner Receiver. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its performance. The Uniden UBC355CLT is designed for receiving radio signals across a wide frequency range, offering features such as 300 channels and Close Call functionality.

PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and in good condition:

- Uniden UBC355CLT Scanner Unit
- Antenna (Telescopic)
- Power Adapter (220V/240V)
- Car Charger
- Power Cord
- Mounting Bracket and Hardware
- User Manual (this document)



Figure 1: Uniden UBC355CLT Scanner with all included accessories, including the main unit, power cables, car charger, antenna, and mounting hardware.



Figure 2: A detailed view of the Uniden UBC355CLT accessories, showing the power adapter, car charger, various cables, antenna, and mounting bracket components.

SETUP GUIDE

1. Connecting the Antenna

Locate the BNC antenna connector on the rear of the scanner unit. Attach the supplied telescopic antenna by aligning the connector and twisting it clockwise until secure. For optimal reception, consider using an external antenna connected via a BNC-50 ohms connector.

2. Powering the Unit

The UBC355CLT can be powered using the included AC power adapter for home use or the car charger for mobile

operation.

- **AC Power:** Connect the AC power adapter to the DC IN jack on the scanner and plug it into a standard 220V/240V wall outlet.
- **Car Power:** For in-vehicle use, connect the car charger to the DC IN jack and plug the other end into your vehicle's 12V accessory outlet.



Figure 3: Close-up view of the power cables and adapters, including the AC power adapter and the car charger, used to power the Uniden UBC355CLT scanner.

3. Initial Placement

Place the scanner on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit. For mobile installation, use the provided mounting bracket to secure the unit in your vehicle.

OPERATING INSTRUCTIONS

Front Panel Controls



Figure 4: Detailed view of the Uniden UBC355CLT scanner's front panel, showing the display, volume/squelch knobs, and various control buttons.

- **VOLUME Knob:** Adjusts the audio output level.
- **SQ (Squelch) Knob:** Adjusts the squelch level to eliminate static noise when no signal is present.
- **HOLD Button:** Pauses scanning on the current frequency. Press again to resume.
- **UP/DOWN Buttons:** Navigate through frequencies or menu options.
- **EMG (Emergency) Button:** Accesses pre-programmed emergency channels.
- **FRN/PMR Button:** Selects Family Radio Service (FRS) or Private Mobile Radio (PMR) bands.
- **SEARCH Button:** Initiates frequency search.
- **L/O (Lockout) Button:** Locks out a specific frequency or channel from scanning.
- **BAND/STEP Button:** Selects frequency bands and adjusts tuning steps.
- **PROG (Program) Button:** Enters programming mode to store frequencies.
- **CLOCK Button:** Displays or sets the clock.
- **CLOSE CALL Button:** Activates the Close Call RF Capture feature, which detects and tunes to strong nearby transmissions.
- **AIR/MARINE Button:** Selects aviation or marine frequency bands.
- **CB AM/FM Button:** Selects Citizens Band (CB) frequencies and toggles between AM/FM modes.

Basic Operation

1. **Power On:** Turn the VOLUME knob clockwise until the unit powers on and the display illuminates.
2. **Adjust Squelch:** Turn the SQ knob clockwise until the static noise disappears. Turn it counter-clockwise to hear weaker signals, but this may introduce more static.
3. **Scanning Channels:** The scanner comes with pre-programmed channels. Press the **SCAN** button (if available, or use the default scan mode) to begin scanning through active channels.
4. **Manual Tuning:** Use the **UP** and **DOWN** buttons to manually tune to specific frequencies.

5. **Using Close Call:** Press the **CLOSE CALL** button to activate the Close Call feature. The scanner will rapidly search for strong, nearby transmissions and automatically tune to them.
6. **Selecting Bands:** Use the **BAND/STEP**, **AIR/MARINE**, or **CB AM/FM** buttons to switch between different frequency bands or modulation types (AM, FM, WFM).
7. **Programming Frequencies:** Refer to the detailed programming section in the full manual for instructions on storing your favorite frequencies into memory banks. The scanner supports 300 channels.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the scanner. Do not use liquid cleaners or abrasive chemicals.
- **Storage:** When not in use for extended periods, store the scanner in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Antenna Care:** Ensure the antenna is not bent or damaged. A damaged antenna can affect reception quality.
- **Power Supply:** Always use the original power adapter or a compatible replacement to avoid damage to the unit.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cord not connected; Power outlet faulty; Power adapter damaged.	Check power connections; Try a different outlet; Replace power adapter if necessary.
No Reception / Weak Signal	Antenna not connected properly; Squelch set too high; Out of range; Interference.	Ensure antenna is secure; Adjust SQ knob counter-clockwise; Move to a better location; Identify and remove sources of interference.
Scanner Stops on Unwanted Frequencies	Frequency not locked out.	Use the L/O (Lockout) button to skip unwanted frequencies during scanning.
Static or Poor Audio Quality	Squelch too low; Weak signal; Interference.	Adjust SQ knob clockwise; Improve antenna placement; Check for local interference.

SPECIFICATIONS

Feature	Detail
Model Number	UBC355CLT
Brand	Uniden
Color	Black
Number of Channels	300
Frequency Range	25 MHz - 960 MHz (with gap)
Modes	AM, FM, WFM
Scan Rate	180 steps/sec.

Feature	Detail
Antenna Connector	BNC-50 ohms
Special Feature	Close Call Function
Power Supply	220V / 240V AC (via adapter)
Dimensions (H x W x D)	Approx. 42 x 132 x 142 mm (Note: Original description had 420mm for one dimension, which is likely a typo. Assuming 42mm height based on typical scanner sizes and visual appearance.)
Weight	640g
Water Resistance Level	Not waterproof
International Protection (IP) Rating	IP44

WARRANTY AND SUPPORT

- **Manufacturer's Warranty:** The Uniden UBC355CLT comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.
- **Spare Parts Availability:** Information regarding the availability of spare parts is currently unavailable.
- **Software Updates:** Information regarding guaranteed software updates is currently unavailable.
- For further assistance or technical support, please refer to the official Uniden support channels.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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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 install the mounting bracket on the Uniden UBC355CLT scanner?

The Uniden UBC355CLT includes a mounting bracket and hardware specifically designed for mobile installation in a vehicle or for securing the unit to a fixed surface. While the basic setup guide mentions its inclusion,...

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