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› Cobra HH50WXST Handheld CB Radio Instruction Manual

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Cobra HH50WXST Handheld CB Radio Instruction Manual

MODEL: HH50WXST

Brand: COBRA

1. INTRODUCTION

The Cobra HH50WXST is a versatile handheld CB radio designed for reliable communication and emergency preparedness. It provides access to all 40 CB radio channels, along with NOAA weather alerts, ensuring you stay informed about road conditions and potential hazards. The Soundtracker noise reduction system enhances audio clarity, making communication more effective in various environments. Its rugged and portable design makes it suitable for use on the road or during outdoor activities.

2. WHAT'S IN THE BOX

Upon opening your Cobra HH50WXST package, you should find the following items:

- Cobra HH50WXST Handheld CB Radio Unit
- High Efficiency Antenna
- 12 Volt Cigarette Lighter Plug & Charge Adapter
- Removable Belt Clip
- Wrist Strap
- User Guide



Image: Contents of the Cobra HH50WXST package, showing the radio, antenna, 12V power adapter, removable belt clip, and wrist strap.

3. KEY FEATURES

3.1 Soundtracker System

The Soundtracker System significantly improves the transmission and reception of CB radios by filtering out up to 90% of noise. This technology reconfigures the transmission signal for more effective communication, especially in noisy environments.



Image: Cobra HH50WXST radio highlighting the Soundtracker System feature.

3.2 NOAA Weather & Emergency Radio

Stay prepared with 24-hour updates on weather conditions, emergencies, and incoming hazards through the built-in NOAA Weather Radio Channel.



Image: Cobra HH50WXST radio highlighting the NOAA Weather feature.

3.3 Dual Watch Feature

Program your radio to monitor two pre-selected channels simultaneously, ensuring maximum awareness. To activate, tune to the first desired channel, then press and hold the DW button until 'DW' flashes on the display.



Image: Cobra HH50WXST radio highlighting the Dual Watch feature.

3.4 Full 40-Channel Coverage

Access up to 40 CB radio channels for reliable communication independent of satellites and cellular networks. Scan to find the channel with the best signal with a touch of a button.



Image: Cobra HH50WXST radio highlighting the Full Coverage feature.

3.5 4-Watt Power Output

Operates with the maximum power allowed by law (4 Watts of Radio Frequency output power) for extended range communication. Features a heavy-duty microphone for clear sound, filtering out background noise.

3.6 Easy-to-Use Illuminated Display

The illuminated multifunctional display ensures clear visibility in various lighting conditions, including dusk, dawn, or night. The handheld design offers portability.



Image: Cobra HH50WXST radio showing its illuminated display for easy readability.

4. SETUP

4.1 Battery Installation

The Cobra HH50WXST requires 9 AA batteries for portable operation. Open the battery compartment, insert the batteries according to the polarity indicators, and securely close the compartment. Rechargeable AA batteries are recommended for repeated use.

4.2 Antenna Attachment

Attach the provided high-efficiency antenna to the antenna connector on the top of the radio by screwing it clockwise until it is finger-tight. Do not overtighten.

4.3 Powering Options

The radio can be powered in two ways:

- **Battery Power:** For portable use, ensure 9 AA batteries are correctly installed.
- **Vehicle Power:** Use the included 12V cigarette lighter plug and charge adapter to power the radio directly from your vehicle's 12V accessory port. This option allows for continuous operation without relying on battery life.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Volume Control

To turn the radio on, rotate the volume knob clockwise. To turn it off, rotate the volume knob counter-clockwise until it clicks. Adjust the volume by rotating the knob to your desired listening level.

5.2 Channel Selection

Use the Up/Down buttons on the radio to cycle through the 40 available CB channels. The selected channel number will be displayed on the LCD screen.

5.3 Squelch Control (Soundtracker System)

The Soundtracker system automatically reduces background noise. For manual squelch adjustment, refer to the detailed user manual. The squelch control helps to eliminate static and weak signals.

5.4 NOAA Weather Alerts

To access NOAA weather channels, press the WX button. The radio will scan for available NOAA channels and provide 24-hour weather and emergency updates.

5.5 Dual Watch Operation

To activate Dual Watch, tune to the first desired channel. Press and hold the DW button until 'DW' flashes on the display. Then, select the second channel. The radio will now monitor both channels.

5.6 Transmitting

To transmit, press and hold the Push-to-Talk (PTT) button on the side of the radio. Speak clearly into the microphone. Release the PTT button to listen.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the radio. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** If using disposable batteries, remove them if the radio will not be used for an extended period to prevent leakage. If using rechargeable batteries, follow manufacturer guidelines for charging and storage.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna:** Ensure the antenna is securely attached. Avoid bending or stressing the antenna.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Dead or incorrectly installed batteries; loose power connection.	Check battery orientation and charge/replace if dead. Ensure 12V adapter is securely connected.
Poor reception/transmission	Antenna not properly attached; out of range; high interference.	Ensure antenna is tight. Move to a location with less obstruction. Adjust squelch.
No sound from speaker	Volume too low; squelch set too high; external speaker connected.	Increase volume. Lower squelch. Disconnect external speaker if not in use.
Squelch acts erratically	Interference or internal issue.	Try adjusting the squelch knob back and forth several times. If issue persists, contact support.

8. SPECIFICATIONS

- **Brand:** COBRA
- **Model Number:** HH50WXST
- **Color:** Black
- **Number of Channels:** 40
- **Frequency Range:** 26.965 MHz - 27.405 MHz
- **Power Output:** 4 Watts (Maximum allowed by law)
- **Talking Range Maximum:** Up to 20 Miles (Varies based on terrain and conditions)
- **Voltage:** 12 Volts (via adapter)
- **Water Resistance Level:** Water Resistant (IPX4)
- **Product Dimensions:** 1.75"D x 2"W x 6.3"H
- **Item Weight:** 0.64 Pounds
- **Number of Batteries:** 9 AA batteries required (not included)
- **Special Features:** Soundtracker System, NOAA Weather & Emergency Radio, Dual Watch, Illuminated Display

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Cobra HH50WXST Handheld CB Radio comes with a **1 Year Limited Manufacturer's Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty service, please contact Cobra Electronics customer support. Refer to the contact information provided in your product packaging or visit the official Cobra website for the most up-to-date support details.

10. PRODUCT VIDEOS

Cobra HH50WXST Handheld CB Radio - Emergency Radio

Your browser does not support the video tag.

Video: A detailed overview of the Cobra HH50WXST Handheld CB Radio, showcasing its features and benefits as an emergency communication device. This video is provided by a seller.

WHAT YOU GET Cobra Handheld CB Radio

Your browser does not support the video tag.

Video: An unboxing and review of the Cobra Handheld CB Radio, detailing all the items included in the package and initial impressions. This video is provided by a seller.

Full of Features!

Your browser does not support the video tag.

Video: A comprehensive look at the various features of the Cobra HH50WXST, demonstrating its functionalities and ease of use. This video is provided by a seller.

Love the NOAA weather radio!!!

Your browser does not support the video tag.

Video: A short demonstration highlighting the NOAA weather radio feature of the Cobra HH50WXST, emphasizing its utility for weather alerts. This video is provided by a seller.

Get NOAA weather alerts, Off Grid Use, Reliable range

Your browser does not support the video tag.

Video: This video demonstrates the Cobra HH50WXST's ability to receive NOAA weather alerts and its suitability for off-grid communication with reliable range. This video is provided by a seller.