COBRA CXT10953PH

Cobra CXT10953PH-M Emergency Two-Way Radios Instruction Manual

Model: CXT10953PH

Brand: COBRA

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Cobra CXT10953PH-M Emergency Two-Way Radios. These radios are designed for reliable communication in various outdoor and emergency situations, featuring a waterproof and floating design, NOAA weather alerts, and extended range capabilities.

Image: Three Cobra CXT10953PH-M two-way radios, showcasing their design and quantity in the 3-pack.

WHAT'S IN THE BOX

Your Cobra CXT10953PH-M package includes the following items:

- 3x Cobra CXT1095 Radios
- 3x Belt Clips
- 3x Packs Rechargeable NiMH Batteries
- 1x Micro-USB Cable

Image: The complete package contents, including three radios, belt clips, rechargeable batteries, and a micro-USB charging cable.

SETUP

1. Battery Installation

Each radio requires 3 AA batteries (included). Ensure correct polarity when inserting the batteries into the compartment. Securely close the battery cover to maintain the waterproof seal.

2. Charging the Batteries

Use the provided Micro-USB cable to charge the rechargeable NiMH batteries while they are installed in the radios. Connect the Micro-USB cable to the charging port on the radio and plug the other end into a compatible USB power source. The charging indicator on the radio will confirm charging status.

3. Attaching Belt Clips

Attach the included belt clips to the back of each radio for convenient carrying. Ensure the clip is securely fastened.

Image: Side view of a Cobra radio, illustrating the attached belt clip for portability.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the Power button until the display illuminates to turn the radio on. Repeat to turn off.

2. Channel Selection

Your radios feature 22 channels. Use the 'Channel Up' and 'Channel Down' buttons to select your desired channel. For optimal communication, ensure all radios are set to the same channel.

3. Privacy Codes

To reduce interference, you can use one of the 121 privacy codes available. These codes, combined with the 22 channels, offer 2,662 channel combinations. Select a privacy code that matches the other radios in your group.

4. Transmitting and Receiving

To transmit, press and hold the Push-to-Talk (PTT) button and speak clearly into the microphone. Release the PTT button to receive messages.

5. Volume Control

Adjust the volume using the 'Volume Up' and 'Volume Down' buttons located on the side of the radio.

6. NOAA Weather Alerts

The built-in NOAA radio receiver provides access to 10 weather channels and alerts. The radio will broadcast a 1050 Hz tone and automatically switch to the broadcasting channel when a weather alert signal is received, keeping you informed of changing weather conditions.

7. Scanning Function

Activate the scan feature to automatically scan through channels or privacy codes to locate conversations in progress.

8. Burp Feature

If the radio has been submerged in water, use the 'Burp' feature to expel water from the speaker grill, ensuring clear audio output.

9. LED Flashlight

A handy built-in LED flashlight is included for illumination in low-light conditions or emergencies.

Image: A Cobra radio held in hand, highlighting its various buttons and display for easy operation.

MAINTENANCE AND CARE

Waterproof and Floating Design

The radios are IP67 standard dustproof and waterproof, capable of withstanding immersion in 1 meter of water for 30 minutes. Their floating design allows for easy retrieval if dropped in water. Always ensure the battery compartment and charging port covers are securely closed to maintain water resistance.

Cleaning

Clean the radio's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the radio is dry before charging or opening any compartments.

Battery Care

To extend battery life, the radio automatically switches to battery saver mode if no transmission occurs within 10 seconds. Fully charge batteries before extended storage and periodically during storage to prevent deep discharge.

Troubleshooting

Limited Range or Static

The advertised 'up to 40-mile range' is achieved under ideal conditions with no obstructions. Actual usable range is significantly affected by terrain, weather, radio signals, elevation, and physical obstructions like trees, foliage, buildings, and mountains. In areas with significant obstructions, communication range may be limited to a few miles or less, with increased static. For best results, maintain a clear line of sight between radios.

WALKIE TALKIE RANGE EXPLAINED

Understanding maximum ranges
versus the actual usable range of radios.

MAX RANGE
is tested in ideal conditions, with optimal conditions and no obstructions.

USABLE RANGE
is effected by a large host of factors, and are very hard to quantify.

FACTORS
the weather, the landscape's geometry, radio signals, elevation, and obstructions such as trees, foliage, buildings, mountains and more all play a factor.

Image: A diagram illustrating the difference between maximum range (ideal conditions) and usable range (affected by environmental factors) for two-way radios.

Random Static Noise

If the radio picks up random static when not in use, it may be due to interference or an open channel. Ensure your radios are on a clear channel with a privacy code. If static persists, temporarily turn off the radio when not actively communicating.

Specifications

Feature	Description
Model Number	CXT10953PH
Number of Radios	3
Color	Black with Orange Accents
Dimensions (each)	2.52"D x 2.1"W x 7.68"H
Item Weight (each)	6.1 Ounces
Batteries	9 AA batteries required (included, rechargeable NiMH)
Number of Channels	22
Privacy Codes	121 (2662 channel combinations)
Frequency Range	UHF/FM (1050 Hz for NOAA alerts)
Talking Range Maximum	Up to 40 Miles (terrain and conditions dependent)
Water Resistance Level	IP67 Waterproof (submersible for 30 mins in 1m water)
Special Features	Floating Design, NOAA Weather Alerts, Built-in LED Flashlight, Burp Feature, Rubberized Grips
Display Technology	LED

WARRANTY AND SUPPORT

Cobra products are USA Engineered & Supported, reflecting over 50 years of proven reliability and superior technology. For specific warranty details, technical assistance, or customer service, please refer to the official Cobra website or contact their customer support directly. Keep your purchase receipt for warranty claims.

Related Documents - CXT10953PH

Cobra MicroTALK RX380 Owner's Manual: Features, Operation, and Specifications
Comprehensive owner's manual for the Cobra MicroTALK RX380 two-way radio. Covers features, operation, safety guidelines, NOAA weather alerts, emergency alerts, and technical specifications.

	[Cobra TrailBlazer 250 GMRS Two-Way Radio User Manual	Safety, Operation, Warranty](#) User manual for the Cobra TrailBlazer 250 GMRS two-way radio. This guide covers safety precautions, installation, operation of features like weather alerts and emergency alerts, FCC compliance, and warranty information. Learn to maximize your communication capabilities with this durable radio.
	[Cobra ACXT1035R FLT 2-Way Radio User Manual](#) User manual for the Cobra ACXT1035R FLT 2-way radio, detailing features, operation, and specifications.
	[Cobra microTALK MT 200-2VP EU: Licence-Free Walkie Talkie with 5km Range](#) Explore the Cobra microTALK MT 200-2VP EU, a licence-free walkie talkie offering 8 channels, up to 5km range, and essential features like Call Alert and Battery Saver. Includes rechargeable batteries and a multilingual manual.
	[Cobra microTALK SH360 Two-Way Radio Owner's Manual	Features, Operation, Specs](#) Comprehensive owner's manual for the Cobra microTALK SH360 two-way radio. Learn about features, installation, operation, scanning, privacy codes, NOAA weather alerts, and specifications.
	[Cobra 2010 GTL WX: Operating Instructions for CB Radio](#) Comprehensive operating instructions for the Cobra 2010 GTL WX Citizens Band SSB/AM two-way radio base station, featuring seven weather channels and NOAA Emergency Alert Tone. Learn about installation, controls, operation, specifications, and maintenance.