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> Cobra RX380 Walkie Talkies User Manual

## Cobra RX380

# Cobra RX380 Walkie Talkies User Manual

Model: RX380 | Brand: Cobra

## 1. INTRODUCTION

The Cobra RX380 walkie talkies are designed for reliable two-way communication in various outdoor conditions. This manual provides essential information for setting up, operating, and maintaining your devices.



Image: A pair of Cobra RX380 walkie talkies, showcasing their compact design and digital display.

Key features include weather resistance, a long communication range, 40 pre-programmed channels, NOAA Weather Alerts, and a built-in LED flashlight.

## 2. WHAT'S IN THE BOX

Your Cobra RX380 package should contain the following items:

- 2 x Cobra RX380 Radios
- 1 x USB-Y Charging Cable
- 2 x Rechargeable NiMH Batteries (pre-installed or separate)

## THE RX380 IS GREAT FOR...



Image: The complete package contents of the RX380, showing the radios, charging cable, and batteries.

### 3. SETUP GUIDE

#### 3.1. Battery Installation

The Cobra RX380 walkie talkies use 6 AA batteries (3 per radio), which are included. For optimal performance, use the provided rechargeable NiMH batteries.

1. Locate the battery compartment cover on the back of the radio.
2. Press down on the latch and slide the cover off.
3. Insert the 3 AA batteries into the compartment, ensuring correct polarity (+/-).
4. Replace the battery compartment cover, sliding it until it clicks securely into place.

## 3.2. Charging the Batteries

Before first use, fully charge the rechargeable batteries. The charging cable is included.

1. Connect the USB-Y charging cable to the charging port on each radio.
2. Plug the other end of the USB-Y cable into a compatible USB power adapter (not included) or a computer USB port.
3. The battery indicator on the radio's display will show charging status.
4. Charging typically takes several hours. The indicator will show full when complete.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Power On/Off and Volume

- To power on, press and hold the **MODE** button until the display lights up.
- To power off, press and hold the **MODE** button until the display turns off.
- Adjust volume using the **UP** and **DOWN** buttons.

### 4.2. Channel Selection

The RX380 features 40 preset channels, including 22 standard FRS channels and 18 pre-programmed channel/privacy code combinations.

1. Press the **MODE** button once to enter channel selection mode. The channel number will flash.
2. Use the **UP** or **DOWN** buttons to select your desired channel.
3. Press the **MODE** button again to confirm the channel.

### 4.3. Transmitting and Receiving

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

### 4.4. Call Tones

The radio offers 10 selectable call tones to alert other users that you are calling.

- Press the **CALL** button to send a call tone.

### 4.5. Channel Scan

The channel scan feature automatically scans channels for incoming transmissions.

- To activate channel scan, press the **SCAN** button (often combined with another function, refer to button labels). The radio will cycle through channels until a signal is detected.

### 4.6. NOAA Weather Alerts

Access 24/7 NOAA weather channels to stay informed about weather conditions.

- To access NOAA weather channels, press the **WX** button (or similar, check radio labels).

## 4.7. Built-in LED Flashlight

The radio includes a built-in LED flashlight for convenience and an SOS function for emergencies.

- To turn on the flashlight, press the **LIGHT** button (or similar, check radio labels).
- To activate the SOS function, press and hold the **SOS** button (or similar, check radio labels).



### BUILT-IN LED FLASHLIGHT

Use the LED Flashlight or enable SOS function with the push of a button.



### CALL TONES

10 selectable tones help you distinguish between different parties.



### CHANNEL SCAN

Automatically scan channels and stop on an incoming transmission.



Image: Visual representation of the flashlight, call tone, and channel scan features on the RX380.

## 5. MAINTENANCE

### 5.1. Cleaning

- Wipe the radio's surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the charging port cover is securely closed when not charging to maintain weather resistance.

### 5.2. Storage

- Store the radios in a cool, dry place when not in use.
- If storing for extended periods, remove the batteries to prevent leakage.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Batteries are low or incorrectly installed.	Recharge or replace batteries. Check battery polarity.
Poor range or static	Obstructions (buildings, trees), distance, or interference.	Move to a more open area. Reduce distance between radios. Change channels to avoid interference.
Cannot hear other radios	Volume too low, wrong channel, or privacy code mismatch.	Increase volume. Ensure both radios are on the same channel and privacy code (if used).
Radio not transmitting	PTT button not pressed, or radio is out of range.	Ensure PTT button is fully pressed. Move closer to the other radio.



# 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: Explanation of walkie talkie range, detailing factors that affect usable range such as weather, landscape, and obstructions.

## 7. SPECIFICATIONS

- **Model:** RX380
- **Product Dimensions:** 6.81 x 2.41 x 1.64 inches
- **Item Weight:** 4 ounces
- **Batteries:** 6 AA batteries required (included)
- **Number of Channels:** 22 FRS channels + 18 pre-programmed combinations (Total 40 preset channels)
- **Frequency Range:** VHF band (approximately 162.400 MHz to 162.550 MHz for NOAA)
- **Talking Range Maximum:** Up to 32 Miles (under optimal conditions)
- **Water Resistance Level:** Water Resistant (to dripping water, not immersion)
- **Color:** Black
- **Special Features:** Long Range, NOAA Weather Alerts, Built-in LED Flashlight, Call Tones, Channel Scan
- **Manufacturer:** Cobra Electronics

# RX380 TWO-WAY RADIO/WALKIE TALKIE

Complete Package Contents Include:



2x RX380 Radios

USB-Y Cable



2x Rechargeable NiMH Batteries

Image: A comparison chart detailing specifications and features across different Cobra RX series walkie talkie models.

## 8. WARRANTY AND SUPPORT

Cobra products are engineered and supported in the USA, reflecting over 50 years of proven reliability. For detailed warranty information, please refer to the warranty card included with your product or visit the official Cobra Electronics website. For technical support, product registration, or frequently asked questions, please visit [www.cobra.com/support](http://www.cobra.com/support).