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› [Cobra ACXT145 Compact Walkie Talkies - Rechargeable, Lightweight, 22 Channels, Long Range 16-Mile Two-Way Radio Set \(2-Pack\), black ACXT145 Walkie Talkie 2 Pack](#)

Cobra ACXT145

Cobra ACXT145 Compact Walkie Talkies Instruction Manual

Model: ACXT145

Brand: Cobra

PRODUCT OVERVIEW

The Cobra ACXT145 is a compact, affordable, and lightweight two-way radio/walkie talkie designed for clear communication in various environments. It offers a range of up to 16 miles, includes NOAA Weather Alerts, a Roger Beep Tone, and a Battery/Power Saver feature, making it suitable for both indoor and outdoor use.



Image: Two Cobra ACXT145 walkie talkies, highlighting their compact design and button layout.

SETUP

Package Contents

Before beginning, ensure all items are present in the package:

- 2x ACXT145 Radios
- 6x AAA NiMH Batteries (Rechargeable)
- 2x Belt Clips
- 1x USB-Y Cable

ACXT145 TWO-WAY RADIO/WALKIE TALKIE

Complete Package Contents Include:



Image: A visual representation of all items included in the Cobra ACXT145 walkie talkie package.

Battery Installation and Charging

The ACXT145 walkie talkies use 3 AAA NiMH rechargeable batteries per unit. To install or replace batteries:

1. Locate the battery compartment on the back of the walkie talkie.
2. If a belt clip is attached, remove it by sliding it upwards.
3. Identify the small tab at the top of the battery compartment cover.
4. Gently pull up on this tab to slide the cover upwards and off.
5. Insert 3 AAA NiMH batteries, ensuring correct polarity (+/-).
6. Replace the battery compartment cover by aligning it and sliding it downwards until it clicks into place.
7. Reattach the belt clip if desired.

To charge the walkie talkies, connect the provided USB-Y cable to the charging port on the side of each unit and plug the other end into a compatible USB power source. The units are rechargeable, eliminating the need for frequent battery replacement.

Your browser does not support the video tag.

Video: Demonstrates the process of opening the battery compartment, installing batteries, and general handling of the walkie talkies. This video also shows the belt clip attachment.

Your browser does not support the video tag.

Video: Shows the walkie talkies in use and highlights their rechargeable nature, indicating they can be plugged in for charging.

OPERATING INSTRUCTIONS

Power On/Off

To power on the walkie talkie, press and hold the **Power** button (usually marked with a power symbol) until the display illuminates. To power off, press and hold the same button until the display turns off.

Channel Selection

The ACXT145 features 22 FRS (Family Radio Service) channels. To select a channel:

1. Press the **Mode** button to enter channel selection mode.
2. Use the **Up** and **Down** arrow buttons (often labeled Volume/Channel) to cycle through the available channels (1-22).
3. Once the desired channel is displayed, press the **Mode** button again or wait a few seconds for the selection to be confirmed.

For optimal communication, ensure both walkie talkies are set to the same channel.

Volume Adjustment

Adjust the listening volume using the **Up** and **Down** arrow buttons when not in channel selection mode. The current volume level will be displayed on the screen.

Transmitting and Receiving

To transmit your voice, press and hold the **Push-to-Talk (PTT)** button, typically located on the side of the unit. Speak clearly into the microphone. Release the PTT button to listen for a response. The display will indicate when you are transmitting (TX) or receiving (RX).

Call Alert and Roger Beep Tone

- **Call Alert:** Press the **Call** button to send an audible alert to other radios on the same channel, signaling an incoming transmission.
- **Roger Beep Tone:** This tone sounds automatically when you release the PTT button, confirming to the receiving party that you have finished speaking.



ROGER BEEP TONE

Confirmation beep tone signals when it is clear to talk.



BATTERY/POWER SAVER

Battery saver mode automatically turns on after 10 seconds.



CALL ALERT

Provides easily recognizable alert for incoming transmissions.



Image: Key features of the walkie talkie, including Roger Beep Tone, Battery/Power Saver, and Call Alert.

NOAA Weather Channels

The ACXT145 provides 24/7 access to NOAA weather channels. This feature allows you to receive real-time weather alerts and forecasts, which is crucial for outdoor activities. Consult the full user guide for specific instructions on accessing and utilizing NOAA weather channels.

Understanding Range

The ACXT145 offers a range of up to 16 miles under ideal conditions. Actual usable range can vary significantly due to environmental factors such as terrain, obstructions (buildings, trees, mountains), and weather conditions. Communication is generally clearer and extends further in open, unobstructed areas.



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 influence communication distance.



COMPACT AND LIGHTWEIGHT

Everything you need in a two-way radio with up to 16-mile range.



22 CHANNELS

Easy access to 22 channels across FRS (Family Radio Service) frequencies.



NOAA WEATHER CHANNELS

Get 24/7 access to NOAA weather channels so you can always be prepared.

Image: Features such as compact design, 22 channels, and NOAA weather channel access.

MAINTENANCE

Battery/Power Saver

The walkie talkie is equipped with a Battery/Power Saver mode that automatically activates after 10 seconds of inactivity. This feature helps conserve battery life, which is particularly useful when a power source for recharging is not readily available.

Cleaning and Care

To maintain your walkie talkies, wipe them with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners. Ensure the units are dry before storing or using them, especially after exposure to moisture, as they are waterproof.

Storage

When storing the walkie talkies for extended periods, it is recommended to remove the batteries to prevent leakage and damage. Store them in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Cobra ACXT145 walkie talkies, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No Power	Dead or improperly installed batteries.	Ensure batteries are correctly inserted with proper polarity. Recharge or replace batteries.
No Sound/Poor Audio	Volume too low; radios on different channels; out of range; interference.	Increase volume. Verify both radios are on the same channel. Move closer to the other radio. Avoid areas with high interference.
Limited Range	Obstructions (buildings, hills); weather conditions; low battery.	Move to an open area. Recharge batteries.

For more detailed troubleshooting or specific issues, please refer to the official User Guide PDF available for download from the manufacturer's website or the product page.

You can access the User Guide (PDF) [here](#).

SPECIFICATIONS

Feature	Detail
Model Number	ACXT145
Product Dimensions	1.46 x 1.96 x 5.16 inches
Item Weight	2.2 ounces
Batteries	6 AAA NiMH batteries required (included)
Number of Channels	22
Frequency Range	FRS and NOAA Weather frequencies (around 462 MHz and 162 MHz respectively)
Talking Range Maximum	16 Miles
Water Resistance Level	Waterproof
Manufacturer	Cobra Electronics
Country of Origin	Vietnam
Date First Available	January 1, 2016

WARRANTY AND SUPPORT

Cobra products are known for their reliability. For specific warranty information regarding your ACXT145 walkie talkies, please refer to the documentation included with your product or visit the official Cobra Electronics website. Cobra Electronics has over 50 years of proven reliability in communication solutions.

For customer support, technical assistance, or to inquire about replacement parts, please contact Cobra Electronics directly through their official channels. You can visit the Cobra Store on Amazon for more information: [Cobra Store](#).