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› Cobra PX650 BCH6 Professional/Business Walkie Talkies User Manual

Cobra PX650 - BCH6

Cobra PX650 BCH6 Professional/Business Walkie Talkies User Manual

Model: PX650 - BCH6

INTRODUCTION

The Cobra PX650 Pro Business 2-Watt FRS Walkie Talkie Radios are designed for professional and business use, offering reliable communication across large areas. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your PX650 walkie talkies to ensure optimal performance.



Image: A complete set of Cobra PX650 walkie talkies with their charging dock, illustrating the multi-unit package.

WHAT'S IN THE BOX

Your Cobra PX650 - BCH6 package includes the following components:

- 6 x Cobra PX650 Walkie Talkies
- 1 x Multi-Unit Charging Dock
- 1 x Wall Adapter for Charging Dock
- 6 x Belt Clips
- 6 x Lithium Ion Batteries (pre-installed or separate)

PX650 TWO-WAY RADIO/WALKIE TALKIE 6-PACK

Complete Package Contents Include:



6x PX650 Radios



Wall Adapter



Charging Dock



6x Belt Clips

Image: Visual representation of the package contents, including the radios, charging dock, power adapter, and belt clips.

SETUP

1. Battery Installation and Charging

1. Ensure the walkie talkie is powered off.
2. Locate the battery compartment on the back of the unit.
3. Insert the Lithium Ion battery, ensuring proper polarity.
4. Close the battery compartment securely.
5. Connect the wall adapter to the multi-unit charging dock.
6. Place the walkie talkies into the charging slots. The charging indicator light will illuminate.
7. Allow approximately 4-6 hours for a full charge before first use.

2. Attaching the Belt Clip

- Align the belt clip with the grooves on the back of the walkie talkie.

- Slide the clip downwards until it clicks securely into place.
- To remove, lift the tab on the belt clip and slide it upwards.

OPERATING INSTRUCTIONS

1. Powering On/Off and Volume Control

- To power on, rotate the **Volume/Power Knob** clockwise until you hear a click and the unit powers on.
- To power off, rotate the **Volume/Power Knob** counter-clockwise until you hear a click and the unit powers off.
- Adjust the volume by rotating the **Volume/Power Knob**.

2. Channel Selection

- The PX650 features 22 channels.
- Rotate the **Channel Knob** to select your desired channel.
- Ensure all radios in your group are set to the same channel for communication.

3. Privacy Codes (CTCSS/DCS)

- The PX650 supports 121 privacy codes (38 CTCSS codes and 83 DCS codes).
- To activate a privacy code, press the **FUNC** button, then use the **Up/Down Arrows** to select the desired code. Press **FUNC** again to confirm.
- Privacy codes help reduce interference from other users on the same channel. All radios in your group must use the same channel and privacy code.

4. Push-To-Talk (PTT) Button

- To transmit, press and hold the **PTT button** located on the side of the radio.
- Speak clearly into the microphone, holding the radio approximately 2-3 inches from your mouth.
- Release the **PTT button** to stop transmitting and listen for a response.

5. Voice-Activated Transmission (VOX)

- VOX allows for hands-free operation. When activated, the radio will automatically transmit when it detects your voice.
- To enable/disable VOX, refer to the detailed instructions in the full user manual (not provided in this summary). Typically, this involves pressing the **FUNC** button multiple times to cycle through settings until VOX appears, then using the **Up/Down Arrows** to adjust sensitivity or turn it on/off.



PROFESSIONAL & DISCREET

Designed for business use with up to 300,000 sq. ft/25 floor range.

22

22 CHANNELS, PRIVACY CODES

Combine 22 channels and privacy codes to secure your conversations.



VOX TRANSMISSION

Hands-free, voice-activated usage to automatically transmit when you speak.

Image: Features of the PX650, including its professional design, channel and privacy code capabilities, and VOX functionality.



ULTRA-LONG RUNTIME

All-day usage up to 18 hours
(90% Standby / 5% Talk / 5% Listen).



RUGGED & SPLASHPROOF

Protects from splashing water,
no matter the direction.



SWIVEL HOLSTER

Rotate the holster in multiple
positions for optimal comfort.



Image: Key operational benefits such as extended battery life, IP54 water resistance, and the convenience of a swivel holster.

MAINTENANCE

1. Cleaning Your Radio

- Wipe the radio's surface with a soft, damp cloth.
- Do not use abrasive cleaners or solvents.
- Ensure the radio is dry before placing it back in the charger or using it.

2. Battery Care

- To maximize battery life, fully charge the batteries before first use.
- Avoid overcharging or completely draining the batteries regularly.
- Store radios and batteries in a cool, dry place when not in use for extended periods.

3. Water Resistance (IP54 Rating)

The PX650 radios are rated IP54, meaning they are dust protected and splashproof from any direction. This protects them from light rain or splashes. **They are not designed to withstand water immersion.** Avoid submerging the radios in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Battery drained or improperly installed.	Charge the battery fully. Ensure battery is correctly inserted.
Cannot Communicate with Other Radios	Different channels or privacy codes. Out of range.	Verify all radios are on the same channel and privacy code. Move closer to other radios.
Static or Poor Audio Quality	Weak signal, interference, or out of range.	Move to an open area. Check for obstructions. Ensure battery is charged.
Short Battery Life	Battery not fully charged or aging battery.	Ensure full charge cycles. Consider replacing aging batteries.
Antenna Cover Comes Off Easily	Manufacturing defect or wear and tear.	Contact Cobra customer support for assistance.



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 factors affecting walkie talkie range, which can impact communication clarity.

SPECIFICATIONS

- **Model:** PX650 - BCH6
- **Color:** Black
- **Number of Channels:** 22
- **Privacy Codes:** 121 (38 CTCSS, 83 DCS)
- **Frequency Range:** 450-470 MHz (UHF)
- **Maximum Talking Range:** Up to 42 Miles (under ideal conditions)
- **Business Range:** Up to 300,000 sq. ft. / 25 Floors
- **Battery Type:** Lithium Ion (included)
- **Runtime:** Up to 18 hours (90% Standby / 5% Talk / 5% Listen)
- **Water Resistance Level:** IP54 (Dust Protected and Splashproof)
- **Product Dimensions:** 1.91"D x 2.2"W x 6.94"H

- **Item Weight:** 1 pound (per radio)
- **Voltage:** 3.7 Volts
- **Manufacturer:** Cobra Electronics
- **Country of Origin:** Vietnam

WARRANTY AND SUPPORT

Cobra Electronics has over 50 years of proven reliability in communication solutions. The Cobra PX650 walkie talkies are USA Engineered and supported, reflecting superior technology and quality craftsmanship.

For warranty information, technical support, or service inquiries, please visit the official Cobra website or contact their customer service department. Keep your purchase receipt for warranty claims.

Additional protection plans may be available for extended coverage. Please refer to your retailer for details on available protection plans.

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ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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 can I make other radios hear me on my Cobra PX650 - BCH6 walkie talkie?

If you can hear other radios but they cannot hear you on your Cobra PX650 - BCH6, the most common cause is a mismatch in Privacy Codes (CTCSS/DCS). Even if you are on the...

[Read full answer](#)

