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> [Cobra PX652 Professional Walkie Talkies - Rechargeable, 22 Channels, 300,000 sq. ft/25 Floor Range, Dust Protected & Splashproof \(IP54 Rating\), Headsets and Chargers Included \(2-Pack\) 2-Pack with Headsets](#)

Cobra PX652

Cobra PX652 Professional Walkie Talkies User Manual

Model: PX652

INTRODUCTION

The Cobra PX652 Professional Walkie Talkies are designed for reliable and clear communication in various environments, from business operations to recreational activities. These units offer a professional, discreet design with robust features suitable for demanding use. They are dust protected and splashproof with an IP54 rating, ensuring durability in challenging conditions. The PX652 provides extensive range, multiple channels, and privacy codes for secure and efficient communication.

WHAT'S IN THE BOX

Verify that all items are present in your package:

- 2 x Cobra PX652 Radios
- 2 x Surveillance Headsets
- 2 x Belt Clips
- 1 x 2-Way Dock Charger
- 1 x Wall Adapter
- 1 x USB Cable

PX650 TWO-WAY RADIO/WALKIE TALKIE 2-PACK WITH HEADSETS

Complete Package Contents Include:



2x Belt Clips

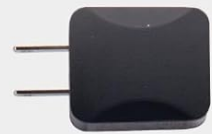


2x Surveillance Headsets



2x PX650 Radios

2-Way Dock Charger



Wall Adapter & USB Cable

Image: Complete package contents of the Cobra PX652 Two-Way Radio/Walkie Talkie 2-Pack with Headsets.

SETUP

1. Battery Installation and Charging

The PX652 radios come with Lithium Ion batteries included. Before first use, fully charge the radios.

1. Connect the wall adapter to the 2-way dock charger.
2. Plug the wall adapter into a standard electrical outlet.
3. Place the PX652 radios into the charging slots on the dock charger. Ensure they are seated correctly.
4. The charging indicator light on the charger will illuminate, typically red when charging and green when fully charged.
5. Allow approximately 3-4 hours for a full charge. The radios offer an ultra-long runtime of up to 18 hours (90% Standby / 5% Talk / 5% Listen) on a full charge.

2. Attaching the Belt Clip

Align the belt clip with the grooves on the back of the radio and slide it down until it clicks into place. The swivel holster design allows for rotation in multiple positions for optimal comfort.

3. Connecting the Surveillance Headset

Plug the headset connector into the audio jack on the side of the radio. Ensure it is firmly inserted for proper operation. The headset includes Push-to-Talk (PTT) and Voice Operated Switch (VOX) buttons for hands-free communication.

OPERATING INSTRUCTIONS

1. Powering On/Off and Volume Control

Rotate the power/volume knob clockwise to turn the radio on and increase volume. Rotate counter-clockwise to decrease volume and turn the radio off.

2. Channel Selection

The PX652 features 22 channels. Use the Channel Up/Down buttons (usually marked with arrows) to select your desired channel. Ensure all radios you wish to communicate with are on the same channel.

3. Privacy Codes (CTCSS/DCS)

To secure your conversations and reduce interference, the PX652 offers 121 privacy codes. These codes filter out unwanted transmissions from other radios not using the same code on the same channel. Refer to your radio's display and function buttons to set a privacy code. Both radios must have the same channel and privacy code to communicate.

4. Transmitting and Receiving

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

5. Voice-Activated Transmission (VOX)

The VOX feature allows for hands-free operation. When activated, the radio will automatically transmit when it detects your voice. This is particularly useful in situations where your hands are occupied.

- To activate VOX, consult your radio's function menu or dedicated VOX button.
- Adjust the VOX sensitivity level to prevent accidental transmissions from background noise.

6. Channel Scan

The channel scan feature allows you to scan all 22 channels for activity. This helps you find active conversations or an open channel for communication.



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 Cobra PX652, including its professional design, 22 channels, privacy codes, and VOX transmission capability.



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 maximum range under ideal conditions versus usable range affected by factors like weather, landscape, and obstructions.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Cobra PX652 radios.

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the radio. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the radios in a cool, dry place when not in use. Avoid extreme temperatures.
- **Battery Care:** For long-term storage, it is recommended to charge the batteries to about 50% capacity. Avoid fully discharging the batteries frequently, as this can reduce their lifespan.
- **Water Resistance:** The PX652 is IP54 rated, meaning it is dust protected and splashproof from any direction. It cannot withstand water immersion. If the radio gets wet, wipe it dry immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Battery is low or dead.	Charge the radio fully. Ensure the charger is properly connected.
Cannot communicate with other radios	Radios are on different channels or privacy codes. Out of range.	Ensure all radios are on the same channel and privacy code. Move closer to the other radio.
Static or poor audio quality	Out of range. Interference from other devices. Low battery.	Move closer to the other radio. Change channels or privacy codes. Recharge the battery.
VOX not activating or activating too easily	VOX sensitivity is too low or too high.	Adjust the VOX sensitivity level in the radio's settings.

SPECIFICATIONS

- **Model:** PX652
- **Channels:** 22
- **Privacy Codes:** 121
- **Range:** Up to 300,000 sq. ft. / 25 floors (actual range varies based on terrain and conditions)
- **Water Resistance:** IP54 (Dust Protected & Splashproof)
- **Battery Type:** Lithium Ion (included)
- **Battery Life:** Up to 18 hours (90% Standby / 5% Talk / 5% Listen)
- **Dimensions:** 6.94 x 2.2 x 1.85 inches
- **Weight:** 6.2 ounces
- **Frequency Range:** Approximately 300 MHz to 307.5 MHz
- **Tuner Technology:** UHF
- **Voltage:** 3.7 Volts

WARRANTY AND SUPPORT

Cobra products are engineered and supported in the USA, backed by over 50 years of proven reliability.

Warranty Information

For specific warranty details, please refer to the warranty card included with your product or visit the official Cobra website. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues or have questions regarding your Cobra PX652 walkie talkies, please contact Cobra customer support. Contact information can typically be found on the Cobra website or in the product packaging.

You can also visit the [Cobra Store on Amazon](#) for more product information and support resources.