QCY Crossky R70

QCY Crossky R70 Open Ear Headphones User Manual

Brand: QCY

Model: Crossky R70

Introduction

Welcome to the user manual for your QCY Crossky R70 Open Ear Headphones. These wireless headphones are designed to provide a comfortable and high-quality audio experience while keeping you aware of your surroundings. Featuring an AirFit earhook design, Hi-Res Audio with LDAC technology, extended battery life, and advanced Bluetooth connectivity, the Crossky R70 is suitable for various activities, from workouts to daily commutes.



Image: The QCY Crossky R70 open ear headphones, showing both earbuds and their sleek black charging case.

Key Features

- **AirFit Earhook & Ergonomic Fit:** Designed with aviation-grade memory wire and premium liquid silicone for a snug, pressure-free fit. Lightweight and glasses-friendly, ideal for extended wear.



Image: Diagram illustrating the AirFit earhook design, highlighting adaptive fit, glasses-friendly slim ear hooks, and a secure 35.6° ultra-fitting angle.

- **Hi-Res Audio & LDAC Technology:** Equipped with 17x12mm tri-magnetic super-linear drivers and a HiFi5 DSP audio module for crystal-clear highs, balanced mids, and dynamic lows. Certified by Hi-Res Audio Wireless, supporting LDAC for lossless wireless audio transmission up to 990kbps.



Image: An exploded view of the earbud, showcasing the 17x12mm triple-magnetic driver, Hi-Res Audio Wireless certification, and LDAC codec support for superior sound quality.

- **52H Battery Life & Fast Wireless Charging:** Enjoy up to 13 hours of playback per charge, with a total of 52 hours using the charging case. Features fast charging (10-minute charge for 1-hour use) and wireless charging compatibility.



Image: An illustration depicting the 52-hour total battery life with the charging case, 13 hours of single playback, and the fast wireless charging capability.

- **Bluetooth 6.0 & Low Latency Gaming Mode:** Next-generation Bluetooth 6.0 provides seamless connections up to 15 meters with reduced power consumption. Activate low-latency mode (60ms) for lag-free gaming and video streaming.
- **AI-Powered Call Clarity:** Features 4-mic noise cancellation and an AI algorithm to ensure crystal-clear calls even in noisy environments, with wind noise reduction.



Image: A person wearing the QCY Crossky R70 earbuds in an urban setting, with icons indicating 4-Mic ENC, AI Algorithm, and Wind Noise Reduction for call clarity.

- **Dual Anti-Leakage System:** Combines passive noise isolation and active directional audio 3.0 to reduce sound leakage by 99.7%. The 35.6° ergonomic angle and acoustic chamber design contain sound within the earbuds, ensuring privacy in public spaces.
- **IPX5 Waterproof & Sweatproof:** Resistant to sweat, rain, and splashes, making it suitable for intense workouts, running, or outdoor adventures.



Image: The QCY Crossky R70 earbuds with water droplets, illustrating their IPX5 waterproof and sweatproof capabilities.

- **Open-Ear Listening:** Designed to allow you to enjoy audio while remaining aware of your surroundings, enhancing safety during outdoor activities.

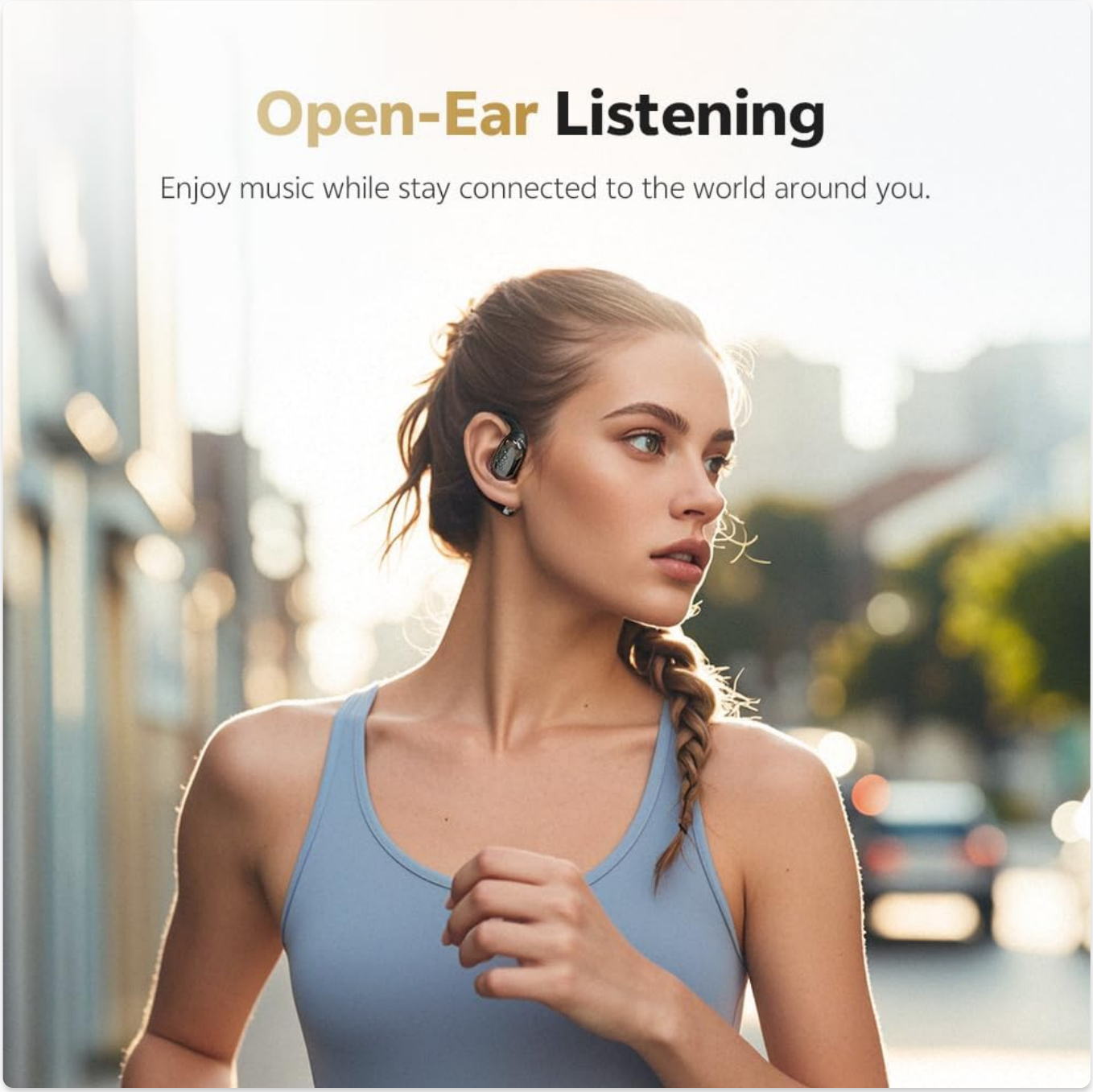


Image: A woman running outdoors, wearing the QCY Crossky R70 earbuds, demonstrating the open-ear listening experience.

Setup

1. Initial Charging

Before first use, fully charge the QCY Crossky R70 headphones and their charging case. Place the earbuds into the charging case. Connect the charging case to a power source using a compatible USB-C cable or place it on a wireless charging pad. The indicator light on the case will show charging status.

2. Pairing with Your Device

1. Ensure the earbuds are in the charging case and the case lid is open.
2. On your device (smartphone, tablet, etc.), go to Bluetooth settings and enable Bluetooth.
3. Look for "QCY Crossky R70" in the list of available devices and select it to pair.
4. Once paired, a confirmation sound will play, and the earbuds will be ready for use.

Note: If you encounter issues, ensure no other devices are actively connected to the headphones and try restarting the pairing process.

Operating Instructions

Touch Controls

The QCY Crossky R70 headphones feature touch-sensitive controls on each earbud. These controls can be customized via the QCY app for various functions. A subtle clicking sound confirms touch registration.

Action	Function (Default/Customizable)
Single Tap	Customizable (often disabled by default, can be set for Play/Pause, Answer/End Call)
Double Tap	Play/Pause, Answer/End Call, Next Track (customizable)
Triple Tap	Activate Voice Assistant, Previous Track (customizable)
Long Press	Reject Call, Toggle Low Latency Mode (customizable, often tied to Prev/Next Track)

Multipoint Connection

The QCY Crossky R70 supports multipoint connection, allowing you to connect to two devices simultaneously. To enable this feature, you must activate it within the QCY mobile application.

Low Latency Mode

For an optimized experience during gaming or video streaming, activate the low latency mode. This reduces audio delay to 60ms. This mode can typically be toggled via a long press on one of the earbuds or through the QCY app.

QCY Mobile Application

For full customization of touch controls, sound profiles, and advanced features like multipoint connection, download the official QCY mobile application from your device's app store. You may need to register an account to access all features.

Maintenance

Cleaning

- Gently wipe the earbuds and charging case with a soft, dry, lint-free cloth.
- For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials.
- Ensure charging contacts on both earbuds and case are clean and dry to maintain proper charging.

Storage

When not in use, store the headphones in their charging case to protect them from dust, dirt, and physical damage. Store in a cool, dry place away from extreme temperatures and direct sunlight.

Troubleshooting

Issue	Possible Solution

Issue	Possible Solution
Headphones not pairing	◦ Ensure Bluetooth is enabled on your device. ◦ Make sure the earbuds are charged. ◦ Place earbuds in case, close lid, then open to re-enter pairing mode. ◦ Forget "QCY Crossky R70" from your device's Bluetooth list and try pairing again.
No sound or low volume	◦ Check volume levels on both your device and the headphones. ◦ Ensure headphones are properly connected to your device. ◦ Re-pair the headphones.
Charging case not charging	◦ Verify the USB-C cable and power adapter are working correctly. ◦ Ensure the charging port is free of debris. ◦ If using wireless charging, ensure proper alignment on the charging pad.
Touch controls unresponsive	◦ Ensure your fingers are clean and dry. ◦ Restart the earbuds by placing them in the case and closing the lid for a few seconds. ◦ Check the QCY app for any control customization issues or firmware updates.

Specifications

Feature	Detail
Brand	QCY
Model	Crossky R70
Ear Placement	Open Ear
Form Factor	Earhook
Color	Black
Impedance	40 Ohm
Bluetooth Version	6.0
Audio Codecs	LDAC, Hi-Res Audio Wireless certified
Driver Size	17x12mm Tri-magnetic super-linear drivers
Battery Life (Earbuds)	Up to 13 hours
Total Battery Life (with Case)	Up to 52 hours
Charging	USB-C, Wireless Charging
Water Resistance	IPX5 (Sweat and splash resistant)
Microphones	4-mic ENC with AI algorithm

Warranty and Support

QCY products are manufactured to high quality standards. For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official QCY support channels.

You can find more information and support on the official QCY store page:QCY Official Store

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