## QCY H3

# QCY H3 ANC Headphones User Manual

Model: H3

## 1. Introduction

Thank you for choosing the QCY H3 ANC Headphones. This manual provides detailed instructions on how to set up, operate, and maintain your headphones to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.




Image 1.1: The QCY H3 ANC Headphones, showcasing both the H3 and H3 Pro models in black. These over-ear headphones feature a sleek design with comfortable earcups and an adjustable headband.

## 2. Product Features

- **Adaptive ANC & Audio Compensation:** Features Bimodal Ear Canal Adaptive Technology that detects ear-canal structure and wearing style to create personalized noise-canceling parameters and optimize audio curves for consistent premium listening.
- **43dB Active Noise Cancelling:** Utilizes feedforward and feedback microphones to identify and offset ambient noises, providing a quiet listening experience. Offers multiple modes (Indoor, Commuting, Boosted, Anti-wind-noise) adjustable via the QCY APP.
- **Extended Playtime:** Provides over 60 hours of audio playback with Active Noise Cancellation (ANC) off, and approximately 35 hours with ANC on. Features a standby time of over 350 hours. Includes a 3.5mm audio cable for wired use when battery is low.

- **Dual Device Connectivity:** Allows simultaneous connection to two devices, enabling seamless switching between audio sources, such as watching a movie on a tablet and answering a call on a smartphone.
- **Hi-Res Audio:** Equipped with custom oversized 40mm dynamic drivers and a frequency response range of 20 Hz - 40 kHz, delivering high-resolution audio quality for an immersive listening experience.
- **Crystal Clear Calls:** Integrated with 6 microphones that precisely capture your voice while effectively canceling out ambient noise and wind for clear communication.
- **All-Day Comfort:** Designed with ergonomics in mind, featuring synthetic protein leather ear pads combined with slow spring memory foam for comfortable wear. The headphones are lightweight (approximately 0.58 lbs / 263g) and adjustable.




Image 2.1: A user wearing the QCY H3 ANC Headphones on an airplane, illustrating the effectiveness of the 43dB Hybrid Active Noise Cancelling feature in a noisy environment.




Image 2.2: An illustration detailing the Adaptive Noise Reduction capabilities, showcasing different modes such as Indoor (for office/library), Anti-wind noise (for riding/driving), Commuting (for subway/public transport), and Outdoor (for shopping mall/station).




Image 2.3: A visual representation of the QCY H3 headphones' battery performance, highlighting 1.5 hours of charging provides up to 60 hours of music playback with ANC off, and approximately 35 hours with ANC on.




Image 2.4: A depiction of the QCY H3 headphones' call clarity, showing a user making a call and an overlay indicating the 6 precise microphones designed to capture voice and cancel ambient noise.




Image 2.5: An exploded diagram illustrating the internal components responsible for the Hi-Res Audio capability, specifically highlighting the 40mm composite dynamic driver and its contribution to cinema-level 3D sound.




Image 2.6: A visual representation of the dual-connection feature, showing the QCY H3 headphones simultaneously paired with a smartphone and a tablet, allowing for quick switching between devices.




Image 2.7: A collage highlighting the ergonomic design and comfort features of the QCY H3 headphones, including soft ear pads, lightweight construction (0.58lbs/263g), adjustable headband, and the presence of a 3.5mm audio jack.

## 3. Setup

### 3.1 Charging the Headphones

Before first use, fully charge your QCY H3 headphones. Connect the provided USB-C charging cable to the charging port on the headphones and the other end to a USB power source (e.g., computer USB port, wall adapter). The LED indicator will show charging status and turn off or change color when fully charged.

- A full charge takes approximately 1.5 hours.
- Enjoy up to 60 hours of music playback with ANC off.
- Enjoy up to 35 hours of music playback with ANC on.

### 3.2 Bluetooth Pairing

1. **Power On:** Press and hold the Power button on the headphones until the LED indicator flashes, indicating pairing mode.

2. **Activate Bluetooth:** On your device (smartphone, tablet, laptop), go to the Bluetooth settings and ensure Bluetooth is enabled.
3. **Select Device:** In the list of available Bluetooth devices, select "QCY H3" (or similar name).
4. **Confirm Connection:** Once connected, the LED indicator on the headphones will change, and your device will confirm the connection.

For dual device connection, pair the first device, then put the headphones back into pairing mode and connect the second device. The headphones will automatically manage connections.

## 4. Operating Instructions

### 4.1 Basic Controls

The QCY H3 headphones feature intuitive controls located on the earcups. Specific button functions may vary slightly, but generally include:

- **Power Button:** Press and hold to power on/off. Short press for play/pause or answer/end calls.
- **Volume Buttons (+/-):** Press to adjust volume. Long press to skip tracks (forward/backward).
- **ANC Button:** Press to cycle through Active Noise Cancellation modes (ANC On, Transparency Mode, ANC Off).

### 4.2 Active Noise Cancellation (ANC) Modes

The QCY H3 headphones offer various ANC modes to adapt to your environment. These can be selected via the dedicated ANC button on the headphones or through the QCY APP.

- **Indoor Mode:** Optimized for quiet environments like offices, libraries, or cafes.
- **Commuting Mode:** Ideal for noisy public transport, such as subways, buses, or airplanes.
- **Boosted Mode:** Provides maximum noise cancellation for extremely loud environments.
- **Anti-wind-noise Mode:** Specifically designed to reduce wind noise during outdoor activities like riding or driving.
- **Transparency Mode:** Allows you to hear your surroundings without removing the headphones.

You can also adjust the noise canceling level via the QCY APP for a more personalized experience.

### 4.3 Dual-Connection (Multipoint)

The QCY H3 headphones support connecting to two devices simultaneously. This feature allows you to seamlessly switch between audio sources without manually disconnecting and reconnecting.

1. Ensure both devices have Bluetooth enabled and are within range.
2. Pair the headphones with the first device as described in Section 3.2.
3. Once connected to the first device, put the headphones back into pairing mode (refer to your device's specific instructions or the QCY APP for details on entering pairing mode while already connected).
4. Connect the headphones to the second device.
5. The headphones will now be connected to both devices. Audio will automatically switch to the device playing content or receiving a call.

## 5. Maintenance

Proper maintenance ensures the longevity and performance of your QCY H3 headphones.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the headphones. Do not use abrasive cleaners, alcohol, or chemical solvents.
- **Ear Pads:** Gently wipe the synthetic protein leather ear pads with a slightly damp cloth if necessary, then dry immediately.
- **Storage:** When not in use, store the headphones in a cool, dry place, preferably in their original case or a protective pouch, to

prevent dust and damage.

- **Water Resistance:** These headphones are *Not Water Resistant*. Avoid exposure to water, rain, or excessive moisture.
- **Temperature:** Avoid exposing the headphones to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Headphones do not power on. | Low battery. | Charge the headphones fully. |
| Cannot pair with device. | Bluetooth not enabled on device; headphones not in pairing mode; device too far. | Ensure Bluetooth is on. Put headphones in pairing mode. Move device closer. Clear previous pairings on device. |
| No sound or low volume. | Volume too low on headphones/device; incorrect audio output selected; headphones not connected. | Increase volume. Check device's audio output settings. Reconnect headphones. |
| ANC not working effectively. | Incorrect ANC mode selected; earcups not sealed properly. | Cycle through ANC modes. Adjust headphone fit to ensure a good seal around ears. |
| Intermittent connection. | Interference; device too far; low battery. | Move closer to device. Avoid strong Wi-Fi or other Bluetooth signals. Charge headphones. |

## 7. Specifications

| | |
|---|---|
| **Model Name** | H3 |
| **Connectivity Technology** | Wired (3.5 mm Jack), Wireless (Bluetooth) |
| **Wireless Communication Technology** | Bluetooth 5.2 |
| **Noise Control** | Active Noise Cancellation (43dB Hybrid) |
| **Audio Driver Type** | 40mm Dynamic Driver |
| **Frequency Range** | 20 Hz - 40 kHz |
| **Battery Life** | Up to 60 Hours (ANC OFF), Up to 35 Hours (ANC ON) |
| **Charging Time** | Approx. 1.5 Hours |
| **Standby Time** | Over 350 Hours |
| **Control Method** | App, On-headphone controls |
| **Compatible Devices** | Laptops, Desktops, Tablets, Telephones, Smart Speaker, Television, Cellphones |
| **Water Resistance Level** | Not Water Resistant |

| | |
|---|---|
| **Weight** | Approx. 0.58 lbs (263g) |

## 8. Warranty and Support

QCY products are designed and manufactured to the highest quality standards. For warranty information, technical support, or customer service inquiries, please refer to the official QCY website or contact your local distributor.
You can visit the official QCY Store on Amazon for more information: QCY Amazon Store

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