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QCY MeloBuds N60

QCY MeloBuds N60 Adaptive Noise Cancelling Wireless Earbuds User Manual

Model: MeloBuds N60

1. What's in the Box

The QCY MeloBuds N60 package includes the following items:

- QCY MeloBuds N60 Earbuds
- Charging Case
- 5 Sizes of Eartips (XS/S/M/L/XL)
- USB-C Charging Cable
- User Manual



Image: Contents of the QCY MeloBuds N60 package, showing the earbuds in their charging case, various ear tip sizes, a USB-C cable, and the user manual.

2. Setup

2.1 Initial Charging

Before first use, fully charge the earbuds and the charging case. Place the earbuds into the charging case and connect the USB-C cable to the charging port on the case and a power source. The indicator light on the case will show charging status.



Image: Illustration of the QCY MeloBuds N60 earbuds in their charging case, highlighting the long battery life of up to 45 hours with the case.

2.2 Ear Tip Selection

For optimal sound quality and noise cancellation, choose the ear tips that provide the best seal and comfort. The package includes five sizes (XS/S/M/L/XL).

1. Try different sizes to find the best fit for each ear.
2. The correct size will create a snug seal in your ear canal.

2.3 Pairing with a Device

The MeloBuds N60 support Bluetooth 6.0 for a stable connection and Google Fast Pair for Android devices.

1. **First-Time Pairing:** Open the charging case. The earbuds will automatically enter pairing mode.
2. On your device (smartphone, tablet, etc.), go to Bluetooth settings and select "QCY MeloBuds N60" from the list of available devices.
3. **Google Fast Pair (Android):** For Android devices, simply open the charging case near your phone, and a pop-up notification will appear to initiate pairing.
4. **Dual Connection:** The earbuds can connect to two Bluetooth devices simultaneously. After connecting to the first device, connect to the second device. The earbuds will intelligently switch between them.



Image: A visual representation of the QCY MeloBuds N60's Bluetooth 6.0 connectivity and dual connection feature, showing seamless switching between a phone and a laptop.

3. Operating the Earbuds

3.1 Touch Controls

The QCY MeloBuds N60 feature touch-sensitive controls on each earbud. The following actions are available:

Action	Gesture
Play/Pause	Double tap (either earbud)
Next Track	Triple tap (right earbud)

Action	Gesture
Previous Track	Triple tap (left earbud)
Answer/End Call	Double tap (either earbud)
Reject Call	Tap and hold for 1.5s (either earbud)
Voice Assistant	Tap and hold for 1.5s (left earbud)
Noise Cancelling Mode Switch (ANC ON / ANC OFF / Transparency Mode)	Tap and hold for 1.5s (right earbud)

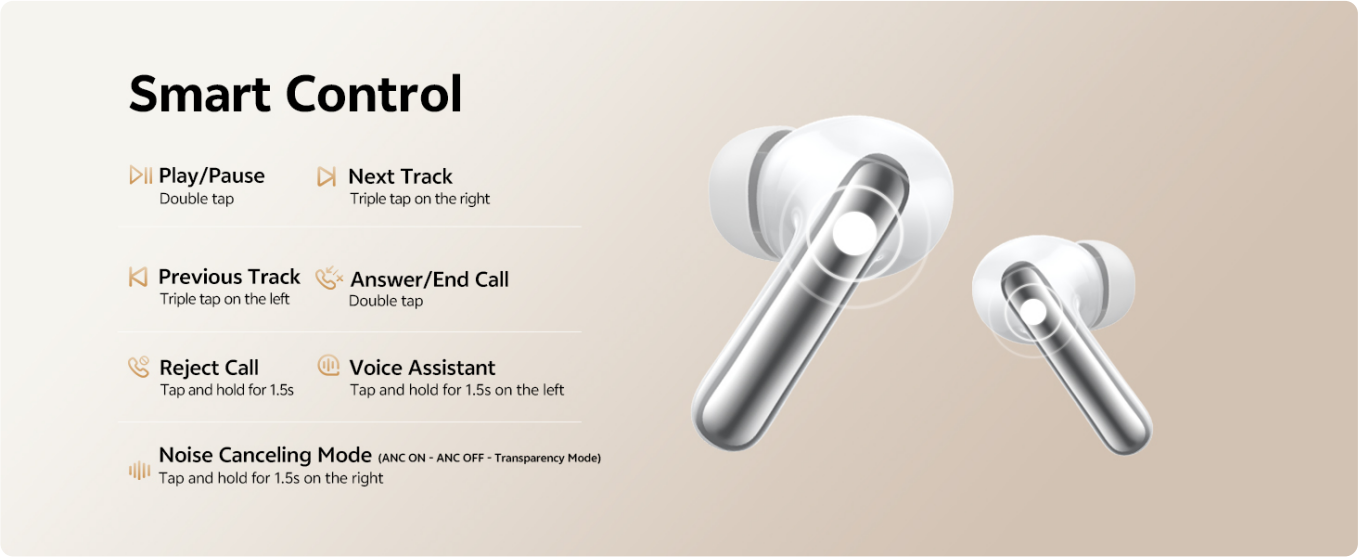


Image: A diagram illustrating the various touch control gestures for music playback, call management, voice assistant activation, and noise cancelling mode switching on the QCY MeloBuds N60.

3.2 Adaptive Noise Cancellation (ANC)

The MeloBuds N60 feature up to -56dB ultra-deep noise cancellation with QCY PureSilenz™ technology. You can switch between different modes:

- **ANC On:** Blocks out ambient noise for an immersive listening experience.
- **Transparency Mode:** Allows you to hear your surroundings while still enjoying your audio, useful for awareness in traffic or conversations.
- **ANC Off:** Disables noise cancellation.

Switch modes by tapping and holding the right earbud for 1.5 seconds.



Image: A visual representation of the QCY MeloBuds N60's -56dB noise cancelling capability, showing how it reduces ambient sounds in various environments like outdoor, indoor, and traffic.

3.3 Smart Wearing Detection

The earbuds automatically pause music playback when removed from your ears and resume when put back on.

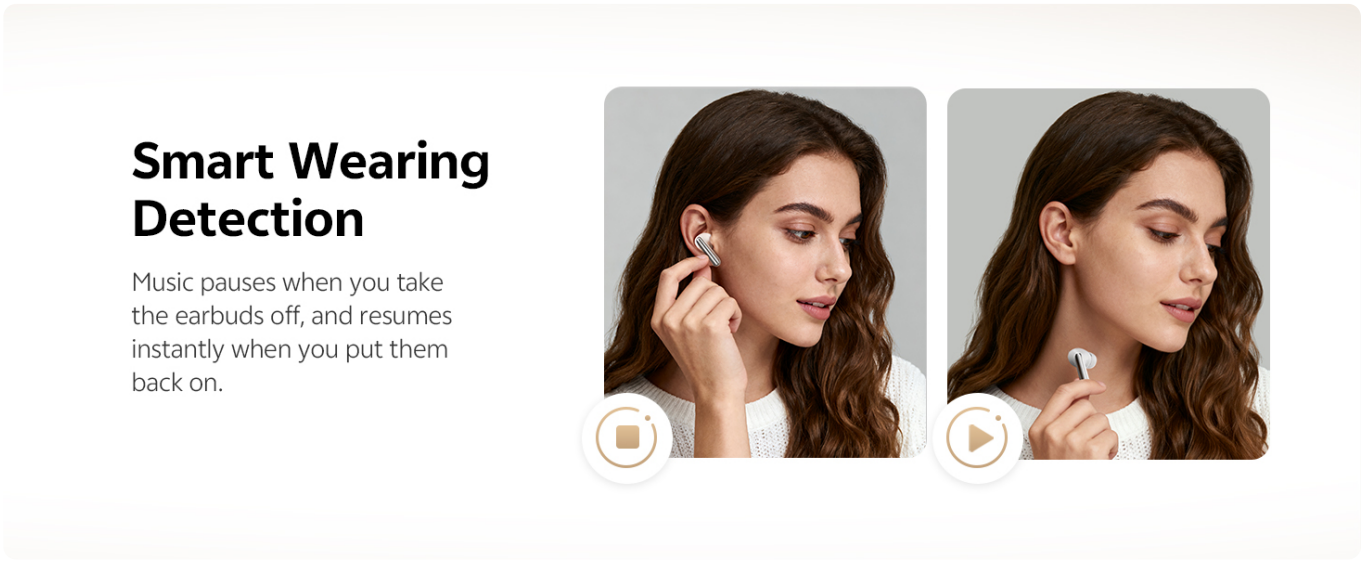


Image: A woman demonstrating the smart wearing detection feature of the QCY MeloBuds N60, showing music pausing when an earbud is removed and resuming when put back in.

3.4 QCY App Features

Enhance your experience by downloading the QCY app. It offers various customization options:

- **ANC Mode Switch:** Control noise cancellation settings.
- **Battery Level Display:** Monitor earbud and case battery levels.
- **Game Mode:** Reduce audio latency for gaming.
- **Firmware Upgrade:** Keep your earbuds updated with the latest features and improvements.
- **Dual Connection Management:** Manage connected devices.
- **LDAC Codec Activation:** Enable LDAC for Hi-Res audio (Android only).
- **Customized EQ:** Adjust audio equalization to your preference.
- **HearX™ Personalized Sound:** Perform a hearing test to generate a custom EQ curve.

- **Reset:** Reset earbuds to factory settings.
- **Find My Earbuds:** Locate misplaced earbuds.

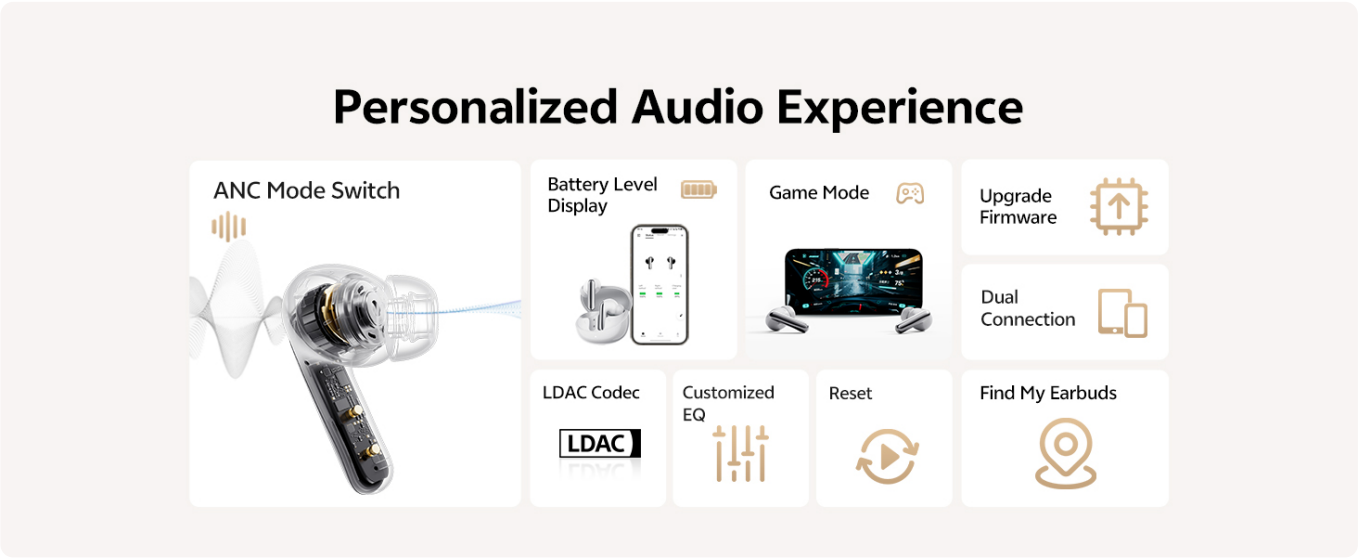


Image: A graphic showcasing the various features available within the QCY app for personalized audio experience, including ANC mode switch, battery display, game mode, firmware upgrade, dual connection, LDAC codec, customized EQ, reset, and find my earbuds.

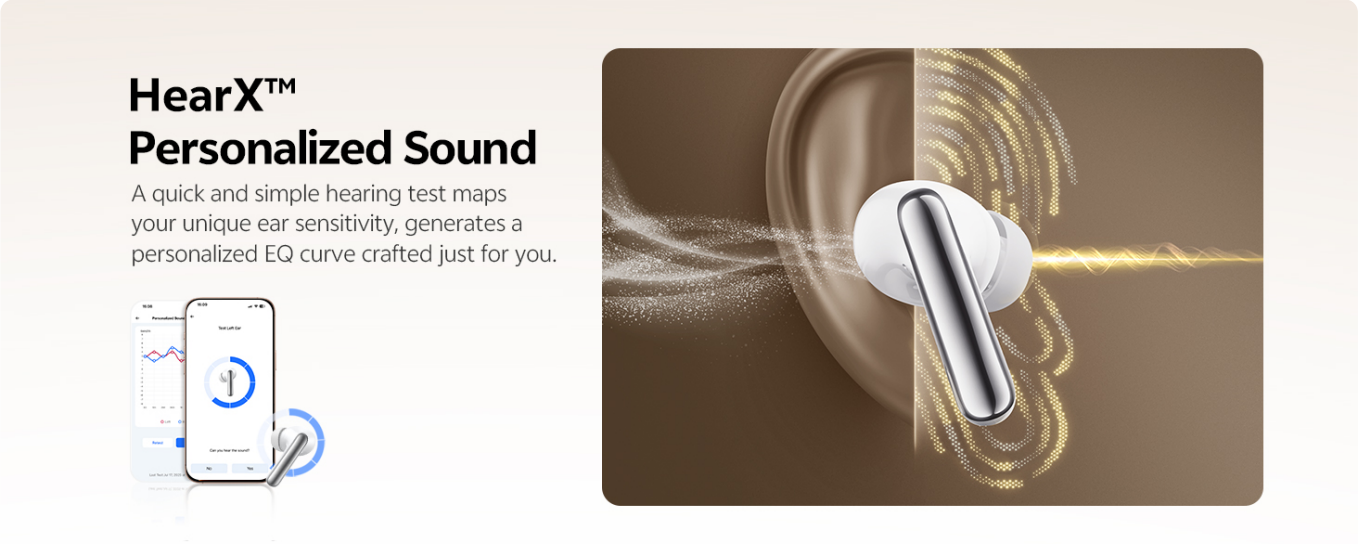


Image: A visual explaining the HearX™ Personalized Sound feature in the QCY app, which uses a hearing test to create a custom EQ curve tailored to the user's ear sensitivity.

3.5 Official Product Video: How to Use QCY MeloBuds N60?

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Video: An official instructional video from QCY demonstrating how to use the MeloBuds N60, covering various features and controls.

4. Maintenance

4.1 Cleaning

- Regularly clean the earbuds, ear tips, and charging contacts with a soft, dry, lint-free cloth.
- Do not use abrasive cleaners, alcohol, or chemical solvents.
- Ensure the earbuds are dry before placing them back in the charging case.

4.2 Water Resistance

The QCY MeloBuds N60 are IPX5-rated waterproof, meaning they are resistant to splashes and sweat. They are not designed for submersion in water. Avoid exposing them to strong jets of water or swimming.

4.3 Battery Care

- Store the earbuds and charging case in a cool, dry place away from extreme temperatures.
- Charge the device regularly, even if not in use, to maintain battery health.

5. Troubleshooting

5.1 Common Issues and Solutions

- **No Sound/Poor Sound Quality:**
  - Ensure earbuds are properly seated in your ears and ear tips provide a good seal.
  - Check device volume and earbud volume.
  - Ensure earbuds are connected to the correct device.
  - Clean earbud mesh if sound is muffled.
- **Earbuds Not Pairing:**
  - Ensure earbuds are charged.
  - Turn off Bluetooth on other nearby devices.
  - Place earbuds back in the case, close it, then open it again to re-enter pairing mode.
  - Try resetting the earbuds (see 5.2).
- **Charging Issues:**
  - Ensure charging cable is securely connected.
  - Clean charging contacts on earbuds and case.
  - Try a different USB-C cable and power adapter.

5.2 Resetting the Earbuds

If you experience persistent issues, you can reset the earbuds to their factory settings via the QCY app. Refer to the "QCY App Features" section (3.4) for more details.

6. Specifications

Feature	Detail
Model Name	MeloBuds N60
Brand	QCY
Connectivity	Bluetooth 6.0
Bluetooth Range	10 meters
Noise Control	Active Noise Cancellation (-56dB)
Audio Drivers	Coaxial Dual-Driver (6mm + 11mm Dynamic Drivers)
Audio Codec Support	LDAC, Hi-Res Audio
Microphones	6-Mic AI Clear Calls
Battery Life (Earbuds)	Up to 9 hours (ANC Off), 6 hours (ANC On)
Total Playtime (with Case)	Up to 45 hours (ANC Off), 30 hours (ANC On)
Fast Charging	10-minute charge for 2 hours playtime
Water Resistance	IPX5
Ear Placement	In Ear
Control Method	Touch, App
Hardware Interface	USB Type C
Impedance	32 ohm
Sensitivity	102 dB
Frequency Response	2 KHz *(Note: This value is as provided in specifications, typically a range like 20Hz-20kHz is expected)*



Image: An exploded view of the QCY MeloBuds N60 earbud, highlighting its coaxial dual-driver acoustic design with a 6mm dynamic driver and an 11mm dynamic driver.

3X More Details

With LDAC codec support, enjoy 300% more sonic detail than standard Bluetooth audio for richer and truer sound.

Hi-Res AUDIO WIRELESS LDAC

LDAC

SBC 328Kbps



Image: A woman listening to music with QCY MeloBuds N60, emphasizing the Hi-Res Audio and LDAC support for 3x more detailed sound compared to standard Bluetooth audio.

Bass Boost Dynamic Audio

Triple algorithms — built-in bass boost, dynamic EQ, and adaptive volume — ensure balanced, punchy sound that adjusts seamlessly to your surroundings.



Image: A close-up of the QCY MeloBuds N60 earbud, illustrating the Bass Boost Dynamic Audio feature with triple algorithms for enhanced bass, dynamic EQ, and adaptive volume.

6 Mics with AI Call Clarity

Beamforming tech with 6 mics precisely captures your voice and filters out wind and background noise for crystal-clear calls.

Voice

Noise

Image: A man on a call using QCY MeloBuds N60 in a busy outdoor setting, demonstrating the 6-mic AI call clarity technology that filters out background noise for clear conversations.

7. Warranty and Support

QCY provides a **12-month warranty** for the MeloBuds N60. If you encounter any problems with connection, charging, or quality, please contact QCY customer support directly.
For support, please refer to the contact information provided in your product packaging or visit the official QCY website.

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