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G.K KZ Carol

KZ Carol True Wireless Earbuds

INSTRUCTION MANUAL

1. INTRODUCTION

Welcome to the user manual for your new KZ Carol True Wireless Earbuds. These earbuds are designed to provide a superior audio experience with advanced features such as Hybrid Active Noise Cancelling, Hi-Fi sound quality, and IPX5 water resistance. This manual will guide you through the setup, operation, and maintenance of your earbuds to ensure optimal performance and longevity.



Figure 1: KZ Carol True Wireless Earbuds in their charging case.

2. WHAT'S IN THE BOX

- KZ Carol True Wireless Earbuds

- Charging Station
- Ear Cushions (various sizes)
- User Manual

3. PRODUCT FEATURES

3.1 Hybrid Active Noise Cancelling (ANC)

The KZ Carol earbuds feature a 6-microphone hybrid noise-canceling system with dedicated processing hardware. This technology maximizes noise canceling performance, providing immersive audio whether you're on a flight or taking a nap. It effectively isolates ambient noise for a superior listening experience.



Figure 2: Illustration of the 6-microphone hybrid noise-canceling system.

3.2 Hi-Fi Sound Quality & HD Voice

Equipped with a super-linear wide-band internal magnetic dynamic driver and an N52 neodymium-iron-boron strong magnetic system, these earbuds deliver exceptional sound quality. Experience deep bass, precise midrange, and detailed high frequencies. The 6HD mics ensure crystal-clear calls, even in noisy environments.



Figure 3: Hi-Fi sound quality with super-linear wide-band dynamic driver.

3.3 Comfort, Light, and Secure Fit

The ergonomic design of KZ Carol earbuds provides a snug and secure fit, surpassing traditional headsets. They come with three different sizes of skin-friendly ear tips to ensure comfort and reduce pressure in the ear canal, making them very light and comfortable for extended wear.



Figure 4: Ergonomic design for comfortable and secure fit.

3.4 IPX5 Water and Sweat Resistant

With an IPX5 waterproof rating, the Carol earbuds are resistant to rain, sweat, and rinsing. This ensures durability and longevity, providing reliable protection whether you're working out or outdoors.

IP-X5 waterproof rating

Resistant to sweat, water and rain



Figure 5: IPX5 rating for water and sweat resistance.

3.5 Smart Dual-Connect & Bluetooth 5.3

Experience seamless connectivity with multipoint connection technology, allowing you to effortlessly switch between two devices. The latest Bluetooth 5.3 technology offers faster transmission speeds, lower power consumption, and enhanced interference resistance. Integration with voice assistants like Siri and convenient UI controls for hands-free calls are also supported.

Bluetooth 5.3 Protocol for Efficient and Stable Communication

The latest Bluetooth 5.3 technology offers faster transmission speeds, lower power consumption, and enhanced interference resistance.

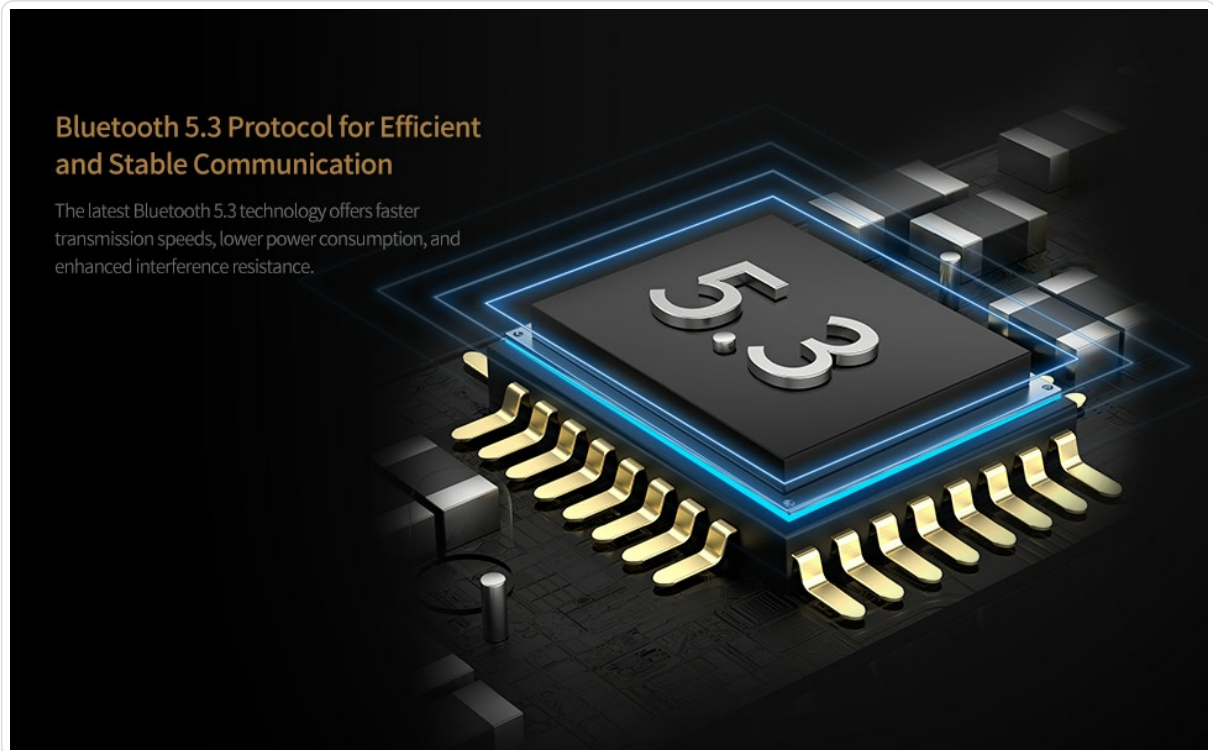


Figure 6: Bluetooth 5.3 Protocol for efficient and stable communication.

3.6 Low Latency Gaming


Activate KZ's exclusive "High-Performance Mode" to reduce latency to approximately 55ms, providing a seamless gaming experience with precise sound localization.

Original Transparency/Active Noise-Canceling/Standard Three Modes

Press and hold the left earbud's touch control for 2 seconds to seamlessly cycle between Standard Mode, Transparency Mode, and Active Noise-Canceling Mode.


Transparency Mode

Press and hold the left earbud's touch control for 2 seconds to activate Transparency Mode. In this mode, external sounds are clearly audible, allowing you to engage in conversations effortlessly without needing to remove your earbuds.



Active Noise-Canceling Mode

Press and hold the left earbud's touch control for 2 seconds again to activate Active Noise-Canceling Mode. In this mode, external environmental noise is reduced, allowing you to enjoy an immersive listening experience even in outdoor settings.



Standard Mode

In this mode, the output across all three frequency ranges is more balanced and smooth, making it suitable for a wide variety of music genres.




Figure 7: Full-Link 55ms Gaming-Level Low Latency.

4. SETUP

4.1 Initial Pairing

1. Ensure the earbuds are charged (see 4.2 Charging).
2. Open the charging case. The earbuds will automatically enter pairing mode.
3. On your device (smartphone, tablet, computer), enable Bluetooth.
4. Search for "KZ Carol" in the list of available Bluetooth devices.
5. Select "KZ Carol" to connect. You will hear a voice prompt confirming successful connection.

4.2 Charging

To charge the earbuds, place them back into the charging case. The earbuds will automatically begin charging. The charging case itself can be charged via the USB-C port located at the back of the case. The indicator light on the case will illuminate green when fully charged, and red when low on battery.

Video 1: Official KZ Carol Earbuds Overview, showing unboxing, transparent design, and charging indicators.

5. OPERATING INSTRUCTIONS

5.1 Touch Controls

The KZ Carol earbuds feature intuitive touch controls for easy management of music and calls. Refer to the included user manual for a detailed diagram of specific touch gestures for functions like play/pause, skip tracks, answer/end calls, and activating voice assistant.

5.2 Noise Control Modes

The earbuds offer three distinct noise control modes:

- **Transparency Mode:** Allows external sounds to be clearly audible, enabling you to engage in conversations without removing the earbuds.
- **Active Noise-Cancelling Mode:** Reduces external environmental noise for an immersive listening experience.
- **Standard Mode:** Provides a balanced and smooth audio output suitable for a wide variety of music genres.

Press and hold the left earbud's touch control for 2 seconds to activate Transparency Mode. Press and hold again for 2 seconds to switch to Active Noise-Cancelling Mode. Continue pressing and holding to cycle through Standard Mode, Transparency Mode, and Active Noise-Cancelling Mode.

Dual Transmission FPS Advanced Ceramic Antenna with a Signal Range of Approximately 50 Meters

KZ-Carol features a dual transmission FPS ceramic antenna that redefines the standards of data transmission with its exceptional stability and anti-interference capabilities. This technology not only ensures smooth and uninterrupted signal transmission but also demonstrates robust resistance to interference in complex environments, providing an unprecedentedly stable communication experience.



Figure 8: Original Transparency, Active Noise-Cancelling, and Standard Three Modes.

6. MAINTENANCE

To ensure the longevity and optimal performance of your KZ Carol earbuds, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the earbuds and charging case with a soft, dry, lint-free cloth. Avoid using harsh chemicals or abrasive materials.
- **Ear Tips:** Remove and clean the ear tips periodically. Ensure they are completely dry before reattaching. Replace ear tips if they become damaged or worn.
- **Water Resistance:** While IPX5 rated, avoid submerging the earbuds in water. Dry them thoroughly if they get wet from sweat or rain. Do not charge if wet.
- **Storage:** Store the earbuds in their charging case when not in use to protect them from dust and damage. Keep them in a cool, dry place away from extreme temperatures.

7. TROUBLESHOOTING

If you encounter any issues with your KZ Carol earbuds, try the following troubleshooting steps:

- **No Sound/Poor Sound Quality:**
 - Ensure earbuds are properly paired and connected to your device.
 - Check the volume level on both the earbuds and your device.
 - Ensure ear tips are correctly fitted and clean.
 - Try resetting the earbuds (refer to the included user manual for reset instructions).
- **Earbuds Not Pairing:**
 - Make sure Bluetooth is enabled on your device.
 - Ensure earbuds are fully charged.

- Forget/remove "KZ Carol" from your device's Bluetooth list and attempt to re-pair.
- Ensure your device's Bluetooth version is compatible (Bluetooth 5.3 recommended). Older devices may experience connectivity issues.

- **Charging Issues:**

- Verify the USB-C cable and power adapter are working correctly.
- Ensure the charging contacts on the earbuds and in the case are clean and free of debris.
- Check the charging indicator light on the case (green for full, red for low).

- **Touch Control Sensitivity:**

- Some users may find the touch sensor sensitive. Adjusting how you handle the earbuds when inserting or adjusting them can help prevent accidental touches.

8. SPECIFICATIONS

Feature	Specification
Model Name	KZ Carol
Brand	G.K
Connectivity Technology	Wireless (Bluetooth 5.3)
Noise Control	Hybrid Active Noise Cancelling (ANC)
Microphones	6HD Mics for AI Clear Calls
Water Resistance	IPX5 (Water and Sweat Resistant)
Audio Driver Type	Super-Linear Wide-Band Internal Magnetic Dynamic Driver
Audio Driver Size	10 Millimeters
Frequency Response	20 Hz to 20,000 Hz
Sensitivity	105 dB
Impedance	26 Ohm
Audio Latency	55 Milliseconds (High-Performance Mode)
Carrying Case Battery Capacity	300 Milliamp Hours
Carrying Case Battery Average Life	32 Hours
Control Method	Touch
Material	Acrylonitrile Butadiene Styrene (ABS)

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the specific warranty card included in your product packaging or visit the official G.K. website. If you experience any issues not covered in this manual, please contact customer service for assistance.

