CCA C10

CCA C10 In-Ear Monitor Headphone User Manual

Model: C10

Introduction

Welcome to the user manual for your new CCA C10 In-Ear Monitor Headphones. These high-fidelity earphones are designed to deliver exceptional audio quality for musicians, singers, audiophiles, and general listeners. Featuring advanced hybrid driver technology and an ergonomic design, the CCA C10 provides a comfortable and immersive listening experience. Please read this manual thoroughly to understand the features, setup, and maintenance of your new earphones.

Product Overview

The CCA C10 In-Ear Monitors are engineered for superior sound performance and user comfort. They incorporate a sophisticated acoustic design to ensure clear, detailed, and balanced audio reproduction across a wide frequency range.

Key Features

- **10 Hybrid Drivers:** Each earphone is equipped with 1 Dynamic Driver and 4 Balanced Armature Drivers, providing a broad frequency spectrum from 7Hz to 40000Hz for rich bass, clear mids, and detailed highs.
- **PCB Frequency Dividing Board:** Optimizes the performance of each driver, ensuring seamless and detailed music delivery.
- **Noise Isolation:** Designed to effectively isolate up to 30dB of external noise, enhancing your listening experience.
- **Ergonomic Design:** The cavity is shaped to fit comfortably and securely in the ear, even during physical activity, allowing for extended wear.
- **Detachable Cable:** Features a durable, professional-grade detachable cable for easy replacement and improved longevity.

Components

Your CCA C10 package includes:

- CCA C10 In-Ear Monitor Earphones (Left and Right)

- Detachable 3.5mm Audio Cable
- Ear Tips (various sizes for optimal fit)



Image: The CCA C10 In-Ear Monitor Headphones with their detachable cable, showcasing the sleek design and transparent housing.

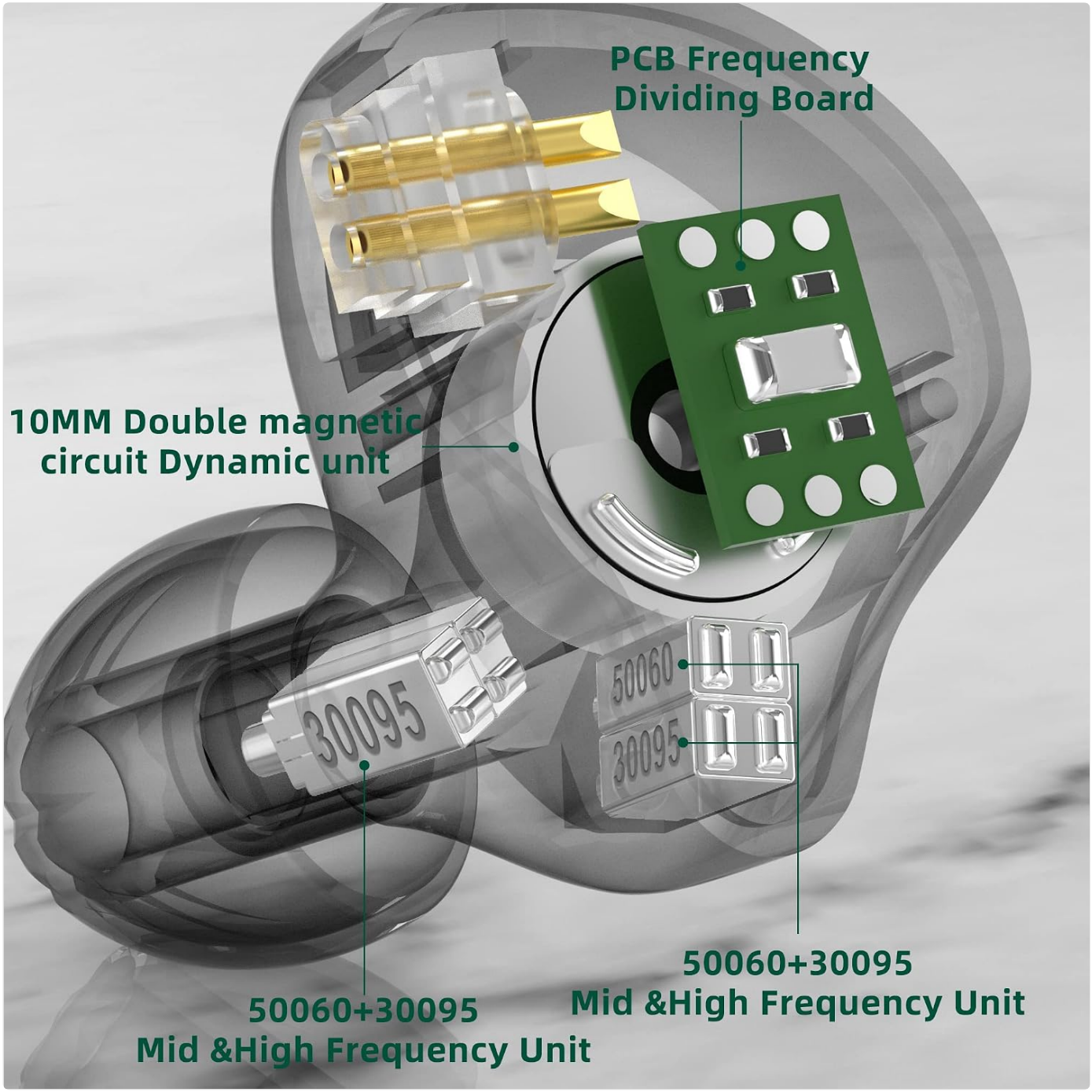


Image: An exploded view of the CCA C10's internal components, highlighting the 10mm double magnetic circuit dynamic unit, PCB Frequency Dividing Board, and the mid & high frequency balanced armature units (50060+30095).



Image: A detailed view of the self-customized mid & high frequency Balanced Armature unit (30095), emphasizing its role in improving high-frequency density and extension performance.



Image: An exploded diagram illustrating the components of the large dynamic low distortion professional dynamic unit, designed to enhance bass and improve sensitivity.

Official Product Video

Your browser does not support the video tag.

Video: An official overview of the CCA C10 In-Ear Monitor Headphones, highlighting its key features, design, and performance capabilities. This video provides a visual demonstration of the product's benefits.

Setup

Connecting the Cable

The CCA C10 features a detachable 2-pin cable for easy replacement and secure connection. Ensure correct orientation when connecting the cable to the earphones.

1. Identify the Left (L) and Right (R) earphones and cable connectors. The silicone sleeve on the cable indicates the corresponding side.
2. Align the 2-pin connector on the cable with the insertion opening on the earphone.
3. Gently push the connector into the earphone until it fits securely. Do not force it.
4. To detach, pull the cable connector with a little force. Avoid pulling the cable itself.



Specifications

Weight 29±3g	Plug Type 3.5mm	Sensitivity 32Ω
Pin Type 0.75mm	Frequency 7-40000Hz	Impedance 108dB

*Due to factors such as measurement enviroment and temperature,
it is normal if there are slight tolerances on product parameters.

Image: A diagram illustrating the correct method for attaching and detaching the 2-pin detachable cable to the CCA C10 earphones, showing left and right indicators.

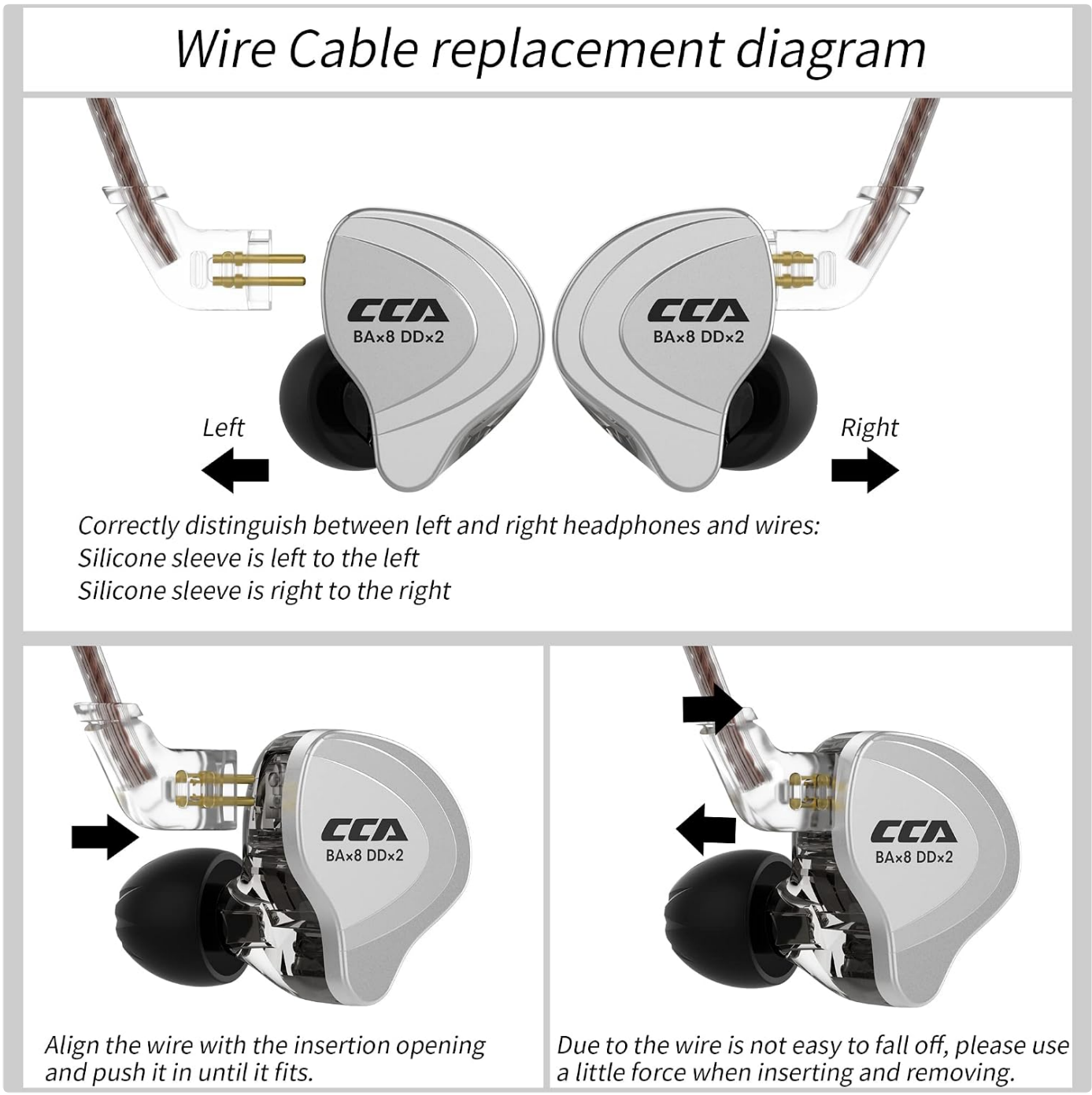


Image: A close-up view of the 0.75mm gold-plated 2-pin connector, designed for durability and reliable signal transmission.

Wearing the Earphones

The CCA C10 is designed for an ergonomic and secure fit, conforming to the shape of the human auricle.

1. Select the appropriate ear tip size for your ears. A good seal is crucial for optimal sound quality and noise isolation.
2. Insert the earphone into your ear, ensuring the cable loops over the top of your ear.
3. Adjust the earphone until it sits comfortably and securely in your ear canal. The ergonomic shape ensures a stable fit even during movement.



Image: A visual representation of the CCA C10's ergonomic design, showing how it comfortably and securely fits within the ear for a superior wearing experience.

Operating Instructions

The CCA C10 In-Ear Monitors are designed for straightforward operation with a 3.5mm audio jack connection.

Connecting to Audio Devices

Simply plug the 3.5mm gold-plated jack into the audio output port of your compatible device (e.g., smartphone, tablet, laptop, music player, audio interface). The gold-plated plug ensures stable and high-quality signal transmission.

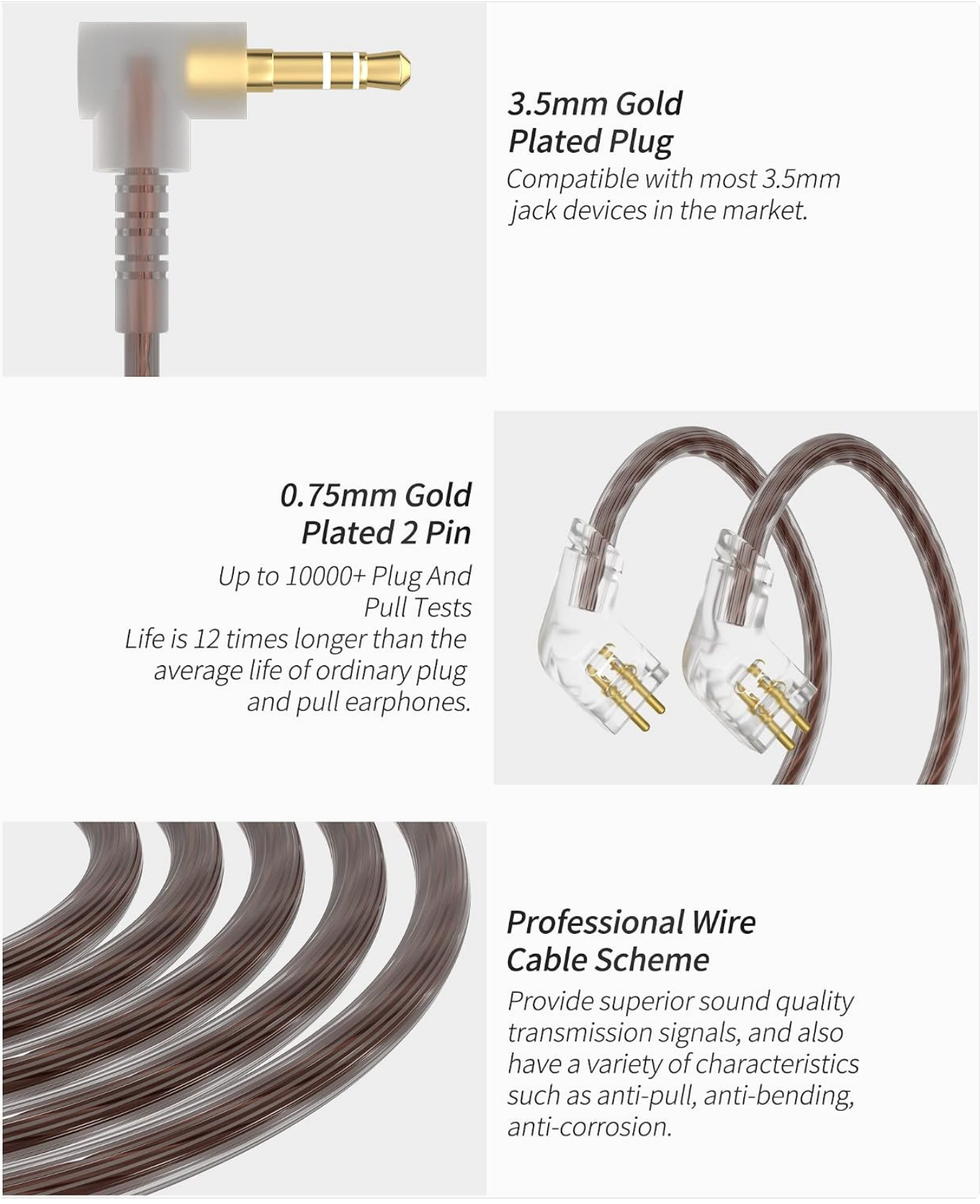


Image: Details of the 3.5mm gold-plated plug for universal compatibility and the professional wire cable scheme, designed for superior sound quality and durability against pulling, bending, and corrosion.

Audio Playback

Once connected, you can control audio playback (volume, track selection) directly from your connected device. The CCA C10 will reproduce audio with its signature Hi-Fi stereo sound.

Maintenance

Proper maintenance will extend the lifespan and preserve the sound quality of your CCA C10 earphones.

- **Cleaning:** Regularly wipe the earphones and cable with a soft, dry cloth. For ear tips, remove them and clean with mild soap and water, then dry thoroughly before reattaching. Ensure no moisture enters the earphone drivers.
- **Storage:** When not in use, store your earphones in a clean, dry place, preferably in a protective case to prevent tangling and damage to the cable or drivers.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cable. The detachable design allows for easy replacement if the cable becomes damaged.

Troubleshooting

If you encounter any issues with your CCA C10 earphones, please refer to the following common solutions:

Problem	Possible Cause	Solution
No sound or low volume	Cable not fully connected. Device volume too low or muted. Incorrect audio output selected on device. Damaged cable.	Ensure cable is securely attached to both earphones and device. Increase device volume. Check device audio settings. Try a different cable if available.
Poor sound quality (e.g., muffled, lacking bass)	Ear tips not forming a proper seal. Ear tips or nozzles are dirty. Audio source quality is low.	Try different sized ear tips for a better seal. Clean ear tips and earphone nozzles. Test with a high-quality audio source.
Earphones fall out easily	Incorrect ear tip size. Improper wearing technique.	Experiment with different ear tip sizes. Ensure the cable loops over your ear and the earphone is properly seated.

Specifications

Detailed technical specifications for the CCA C10 In-Ear Monitor Headphones:



Image: A visual table summarizing the key specifications of the CCA C10, including weight, plug type, pin type, frequency response, sensitivity, and impedance.

Specification	Value
Model Name	C10
Audio Driver Type	Hybrid Driver (1 Dynamic, 4 Balanced Armature per side)
Frequency Range	7-40000Hz
Impedance	32 Ohm
Sensitivity	108 dB
Headphones Jack	3.5 mm Jack
Noise Control	Passive Noise Cancellation (up to 30dB isolation)

Specification	Value
Cable Feature	Detachable (0.75mm 2-pin)
Material	Aluminum Alloy faceplate, Translucent resin cavity
Item Weight	2.08 ounces
Color	Black (other variants available)
Country of Origin	China

Warranty and Support

CCA stands behind the quality of its products. Your CCA C10 In-Ear Monitor Headphones come with a comprehensive warranty and dedicated customer support.

- **Warranty:** A 12-month warranty is provided from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For any questions, technical assistance, or warranty inquiries, please contact CCA customer service through the retailer's platform or the official CCA website.

We are committed to ensuring your satisfaction with the CCA C10 earphones.

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