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CCA C16

CCA C16 In-Ear Earphones User Manual

Model: C16

Introduction

Thank you for choosing the CCA C16 In-Ear Earphones. These earphones are designed to deliver a high-quality audio experience with a balanced sound signature, suitable for music enjoyment and monitoring. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your C16 earphones.



Image: The CCA C16 In-Ear Earphones, featuring their distinctive blue and silver design, connected by a braided cable. The inline remote is visible on the cable.

Package Contents

Please ensure all items are present in your package:

- 1 pair of CCA C16 In-Ear Earphones

- 1 Detachable Audio Cable (with optional microphone/remote)
- 1 Packaging Box

Product Overview

The CCA C16 earphones feature a sophisticated design with multiple balanced armature drivers for precise sound reproduction. The housing is constructed from a zinc alloy coating with a resin cavity, ensuring durability and comfort.



Image: A detailed view of one CCA C16 earbud, showcasing its ergonomic design and the brand's emblem.

Driver Configuration:

- 2 x 22295 Balanced Armature Drivers (for bass frequencies)
- 2 x 29689 Balanced Armature Drivers (for mid frequencies)
- 4 x 30095 Balanced Armature Drivers (for high frequencies)

This multi-driver setup, combined with electronic multisegment crossover, ensures a wide frequency response and detailed audio output.



Image: An exploded view diagram illustrating the placement and type of balanced armature drivers within the CCA C16 earbud, including bass, mid, and high-frequency drivers.

Setup

Connecting the Detachable Cable:

1. Identify the left (L) and right (R) earbuds. The cable connectors are also marked L and R.
2. Align the 2-pin connector on the cable with the corresponding receptacle on the earbud. Ensure the pins are correctly oriented.
3. Gently push the connector into the earbud until it is securely seated. Do not force it.
4. Repeat for the other earbud.



Image: A visual guide demonstrating the process of connecting and disconnecting the detachable 2-pin cable to the CCA C16 earphones, emphasizing the correct orientation for left and right earbuds.

Wearing the Earphones:

1. Insert the earbuds into your ears, ensuring a snug and comfortable fit. The cable is designed to loop over the top of your ear for secure placement.
2. Adjust the cable behind your ear for optimal comfort and stability. A proper seal is crucial for noise isolation and sound quality.

Operating Instructions

Connecting to an Audio Source:

Plug the 3.5mm gold-plated jack of the earphone cable into the headphone port of your audio device (smartphone, tablet, computer, audio player, etc.).

Using the Inline Remote (if applicable):

If your cable includes an inline remote with a microphone, you can control playback and calls as follows:

- **Short Press:** Play/Pause music, Answer/End call.
- **Double Press:** Skip to the next song.
- **Triple Press:** Go back to the previous song.
- **Long Press:** Reject incoming call.

Note: Volume control is not integrated into the cable remote. Adjust volume directly on your audio device.



Image: An illustration detailing the various functions of the inline remote control found on the CCA C16 earphone cable, providing instructions for music playback and call management.

Maintenance

- **Cleaning:** Gently wipe the earphones and cable with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Ear Tips:** Regularly remove and clean the ear tips with mild soap and water, then dry thoroughly before reattaching. This prevents wax buildup and maintains hygiene.
- **Storage:** When not in use, store your earphones in a clean, dry place, preferably in a protective case, to prevent tangling and damage.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cable, especially near the connectors, to prolong its lifespan.

Troubleshooting

Problem	Possible Cause	Solution
No sound or distorted sound	Cable not fully connected. Incorrect earbud orientation (L/R). Audio source volume too low or muted. Damaged cable or earbud.	Ensure cable is securely attached to both earbuds and the audio source. Verify L/R markings and re-attach if necessary. Increase volume on your audio device. Test with another audio source or cable if possible.
Poor noise isolation	Improper fit of ear tips. Incorrect ear tip size.	Adjust the earbud position for a tighter seal. Try different sized ear tips (if included) to find the best fit for your ears.
Microphone not working	Cable without microphone function. Device settings.	Confirm your cable has a microphone. Check microphone input settings on your connected device.

Specifications

Brand	CCA
Model	C16

Headphone Type	In-Ear Monitor (IEM)
Connection Type	Wired (3.5mm Jack, 2-pin detachable cable)
Driver Configuration	8 Balanced Armature Drivers per side (16 total)
Impedance	27 Ω
Sensitivity	105 dB
Frequency Response	20-40000Hz
Cable Length	1.2 m ± 3 cm
Plug Type	3.5mm Gold-Plated
Material	Zinc Alloy Coating, Resin Cavity, Aluminum Alloy Sound Port
Color	Blue
Microphone Function	Optional (depending on cable)
Cable Volume Control	No

Warranty and Support

The CCA C16 earphones come with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects. Please retain your proof of purchase for warranty claims.
For technical support, warranty claims, or any questions regarding your CCA C16 earphones, please contact CCA customer service through the retailer where you purchased the product or visit the official CCA website for contact information.
Important: Do not attempt to repair the earphones yourself, as this may void the warranty.

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