

## Clear-Com CC-400-X4

# Clear-Com CC-400-X4 Double-Ear Headset User Manual

### 1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Clear-Com CC-400-X4 Double-Ear Headset. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

### 2. PRODUCT OVERVIEW

The Clear-Com CC-400 double-ear headset is engineered for high-quality audio communication. It features headphones designed for high ambient-noise attenuation and a hyper-cardioid dynamic microphone. The headset's flexible design and soft ear-pads contribute to user comfort. The microphone boom can rotate 300 degrees, which also functions as an On/Off switch for quick microphone muting.



*Image 2.1: Clear-Com CC-400-X4 Double-Ear Headset. This image displays the Clear-Com CC-400-X4 double-ear headset. It features large, circumaural earcups designed for noise attenuation, an adjustable headband, and a flexible microphone boom arm extending from the left earcup. The microphone is a hyper-cardioid dynamic type. A 4-pin female XLR connector is visible at the end of the headset cable.*

### 3. SETUP

#### 3.1 Connecting the Headset

1. Locate the 4-pin female XLR connector on the headset cable.
2. Connect the 4-pin female XLR connector of the headset cable to the corresponding male XLR port on your intercom system or audio device. Ensure the connection is secure.

#### 3.2 Adjusting for Comfort

1. Adjust the headband for a secure yet comfortable fit on your head.
2. Position the earcups over both ears, ensuring they fully enclose your ears for optimal sound isolation and comfort.
3. Adjust the flexible microphone boom arm so the microphone is positioned approximately 1 to 2 inches from your mouth.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Microphone Activation and Muting

- The microphone is activated or muted by rotating the boom arm.
- **To Mute:** Rotate the microphone boom arm upwards, away from your mouth.
- **To Activate:** Rotate the microphone boom arm downwards, towards your mouth.
- The boom arm has a 300-degree rotation range for this function.

### 4.2 Audio Monitoring

- Ensure your audio device or intercom system is properly configured for audio output to the headset.
- Adjust volume levels on your connected device as needed for comfortable listening.

## 5. MAINTENANCE

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### 5.1 Cleaning

- To clean the headset's exterior, use a soft, dry cloth.
- For the soft ear-pads, a slightly damp cloth with a mild soap solution can be used. Ensure no moisture enters the earcup components. Allow the ear-pads to air dry completely before using the headset.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the headset's finish and materials.

### 5.2 Storage

- Store the headset in a clean, dry environment away from direct sunlight and extreme temperatures.
- Avoid wrapping the cable tightly around the headset, as this can cause stress and damage to the cable over time.

## 6. TROUBLESHOOTING

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### 6.1 No Audio Output

- **Check Connections:** Ensure all cable connections, especially the 4-pin XLR connector, are fully and securely seated in their respective ports.
- **Volume Settings:** Verify that the volume levels on your connected intercom system or audio device are not muted and are set to an audible level.
- **Device Compatibility:** Confirm that the headset is compatible with the audio device it is connected to.

### 6.2 Microphone Not Working

- **Microphone Position:** Ensure the microphone boom arm is rotated downwards (towards your mouth) to the 'on' position.
- **Cable Integrity:** Inspect the headset cable for any visible damage or kinks.
- **Test with Another Device:** If possible, test the headset with another compatible audio device to determine if the issue lies with the headset or the connected equipment.

### 6.3 Poor Sound Quality

- **Cable Condition:** Check the headset cable for any signs of damage that might affect audio

transmission.

- **Earcup Seal:** Ensure the earcups are properly seated around your ears to provide optimal noise isolation and sound delivery.
- **Interference:** Move away from potential sources of electromagnetic interference that might affect audio quality.

## 7. SPECIFICATIONS

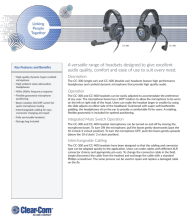
Feature	Description
Model Name	CC-400
Connectivity Technology	Wired
Headphones Jack	4-pin Female XLR
Microphone Type	Hyper-cardioid Dynamic
Noise Control	Sound Isolation (High ambient-noise attenuation)
Earpiece Shape	Over-ear cups
Item Weight	1.26 pounds (0.57 Kilograms)
Cable Feature	Retractable
Special Features	Double Enclosed Ear Headset, On/Off Mic Switch (via 300-degree boom rotation)
Materials	Silicone (ear-pads), Nylon (carrying case, if included)

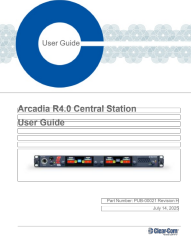
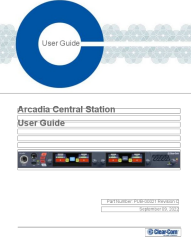

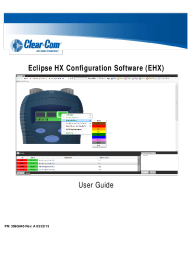
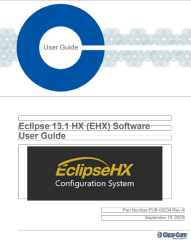
## 8. WARRANTY AND SUPPORT

Clear-Com products typically come with a standard manufacturer's warranty. For specific warranty details, service, or technical support, please refer to the official Clear-Com website or contact their customer service directly. It is recommended to keep your purchase receipt for any warranty claims.

For further assistance, visit the [Clear-Com official website](#).

## Related Documents - CC-400-X4

	<p><a href="#">Clear-Com CC-300 and CC-400 Intercom Headsets Datasheet</a></p> <p>Detailed information on Clear-Com's CC-300 (single-ear) and CC-400 (double-ear) intercom headsets, including key features, technical specifications, operation, and order codes for professional audio applications.</p>
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	<p><a href="#">Clear-Com Arcadia R4.0 Central Station User Guide</a></p> <p>Comprehensive user guide for the Clear-Com Arcadia R4.0 Central Station, detailing its features, installation, configuration, system examples, and technical specifications for professional intercom systems.</p>
	<p><a href="#">Clear-Com Arcadia Central Station User Guide</a></p> <p>Comprehensive user guide for the Clear-Com Arcadia Central Station, detailing its features, setup, configuration, and operation for professional IP networked intercom systems, including FreeSpeak wireless, HelixNet wired, and Dante audio.</p>
	<p><a href="#">FreeSpeak II 1.9 Beltpack with Bluetooth Quick Start Guide</a></p> <p>Quick start guide for Clear-Com FreeSpeak II 1.9 beltpacks, detailing Bluetooth headset pairing, enabling wireless modes, and sidetone configuration.</p>
	<p><a href="#">Clear-Com EHX User Guide: Eclipse HX Configuration Software</a></p> <p>This user guide provides comprehensive instructions and details on configuring the Clear-Com Eclipse HX system using the EHX software. Learn about system setup, components, and advanced features for professional communication.</p>
	<p><a href="#">Clear-Com Eclipse 13.1 HX (EHX) Software User Guide</a></p> <p>Comprehensive user guide for Clear-Com's Eclipse 13.1 HX (EHX) Configuration Software, detailing system setup, hardware configuration, panel programming, and advanced features for professional intercom systems.</p>