

Cardo FREECOM 2X & PACKTALK Edge Bundle

Cardo Systems FREECOM 2X & PACKTALK Edge Motorcycle Communication System User Manual

Model: FREECOM 2X, PACKTALK Edge

Brand: Cardo

1. INTRODUCTION

This manual provides comprehensive instructions for the Cardo Systems FREECOM 2X and PACKTALK Edge Motorcycle Communication System bundle. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience.

1.1. Product Overview

The Cardo Systems FREECOM 2X and PACKTALK Edge are advanced Bluetooth communication systems designed for motorcycle riders. The FREECOM 2X offers 2-way Bluetooth intercom, JBL audio, and robust waterproofing. The PACKTALK Edge enhances this with over-the-air updates and dynamic mesh communication capabilities (though the description focuses on its Bluetooth features in this bundle context). Both units are built for durability and high-quality audio in various riding conditions.



Image 1.1: The Cardo Systems FREECOM 2X and PACKTALK Edge communication systems, including their packaging.

1.2. What's in the Box

Verify that all components are present in your package:

- FREECOM 2X Headset (1 unit)
- PACKTALK Edge Headset (1 unit)
- Headband (for helmet mounting)
- Ear Cushions (for speakers)
- JBL Speakers (pre-installed or separate, depending on model variant)
- Mounting accessories (clips, adhesive plates)
- USB-C Charging Cable
- Quick Start Guide

2. SAFETY INFORMATION

Read all safety information before using the device to ensure proper and safe operation. Failure to follow these instructions may result in injury or damage to the device.

- **Road Safety:** Always prioritize road safety. Do not operate the device in a way that distracts you from riding.
- **Hearing Protection:** Prolonged exposure to loud sounds may cause hearing damage. Use the device at a moderate volume.
- **Water Resistance:** While waterproof, avoid submerging the device for extended periods or exposing it to high-pressure water jets.
- **Battery Care:** Do not expose the battery to extreme temperatures or dispose of it in fire. Use only approved charging cables.
- **Maintenance:** Do not attempt to disassemble or repair the device yourself. Refer to authorized service personnel.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components and controls of your Cardo communication system.

3.1. Main Unit (FREECOM 2X / PACKTALK Edge)



Image 3.1: Close-up of a Cardo unit, highlighting the control wheel and buttons.

Both the FREECOM 2X and PACKTALK Edge units feature a similar design with intuitive controls:

- **Control Wheel:** Used for volume adjustment, menu navigation, and various functions depending on context.
- **Buttons:** Typically include a Media Button, Intercom Button, and Phone Button, each with multiple functions based on press duration or combination.
- **Microphone Port:** For connecting the boom or wired microphone.
- **Speaker Ports:** For connecting the JBL speakers.
- **USB-C Port:** For charging and firmware updates.

3.2. Mounting Cradle and Speakers

The mounting cradle securely attaches the main unit to your helmet. The JBL speakers provide high-quality audio directly inside your helmet.

RIDE-PROOF



Image 3.2: The magnetic Air Mount system for effortless and secure attachment to a helmet.

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and comfort.

4.1. Charging the Device

Before first use, fully charge your Cardo unit. Connect the supplied USB-C cable to the unit's charging port and a USB power source. A full charge typically takes 2-4 hours. A 20-minute charge can provide up to 2 hours of talk time for the PACKTALK Edge.

4.2. Helmet Installation

1. **Choose Mounting Location:** Select a flat area on the left side of your helmet, near the bottom edge.
2. **Attach Mounting Cradle:** Use either the clamp mount (for helmets with a suitable edge) or the adhesive plate mount. Ensure it is securely fastened.

3. **Install Speakers:** Place the JBL speakers inside the helmet's ear pockets. Ensure they are centered over your ears for best audio quality. Use the included spacers if needed to bring speakers closer to your ears.
4. **Install Microphone:** For full-face helmets, use the wired microphone. For open-face or modular helmets, use the boom microphone. Route cables neatly under the helmet lining.
5. **Attach Main Unit:** Slide the main unit onto the mounting cradle until it clicks securely into place. The magnetic Air Mount ensures a firm connection.

4.3. Initial Pairing (Bluetooth)

Pair your Cardo unit with your smartphone and other Cardo units.

- **Smartphone Pairing:**

- a. Turn on your Cardo unit.
- b. Enter pairing mode (refer to your unit's specific button combination, usually holding the Phone button).
- c. On your smartphone, go to Bluetooth settings and select "Cardo FREECOM 2X" or "Cardo PACKTALK Edge" from the available devices.
- d. Confirm pairing.

- **Intercom Pairing (FREECOM 2X):**

- a. Ensure both FREECOM 2X units are on.
- b. On one unit, enter intercom pairing mode (usually holding the Intercom button).
- c. On the second unit, also enter intercom pairing mode.
- d. The units will automatically connect when in range.

- **Intercom Pairing (PACKTALK Edge - Bluetooth Mode):**

- a. Similar to FREECOM 2X pairing for Bluetooth intercom.
- b. For Dynamic Mesh Communication (DMC), refer to the Cardo Connect app or full PACKTALK Edge manual for group creation.



Image 4.1: Visual representation of two Cardo units connected via Live Bluetooth Intercom, enabling rider-to-rider communication.

5. OPERATING INSTRUCTIONS

Learn how to use the various functions of your Cardo communication system.

5.1. Power On/Off

- **Power On:** Press and hold the Intercom Button and Media Button simultaneously for 1 second.
- **Power Off:** Press and hold the Intercom Button and Media Button simultaneously for 3 seconds.

5.2. Volume Control

Rotate the Control Wheel forward to increase volume and backward to decrease volume. The device features automatic volume adjustment based on ambient noise.

5.3. Intercom Communication

- **Initiate Intercom:** Briefly press the Intercom Button.
- **End Intercom:** Briefly press the Intercom Button again.
- **Range:** Up to 800m (0.5 miles) between 2 riders for FREECOM 2X.

5.4. Phone Calls

- **Answer Call:** Briefly press the Phone Button.
- **End Call:** Briefly press the Phone Button.
- **Reject Call:** Press and hold the Phone Button for 2 seconds.
- **Voice Dial:** Briefly press the Phone Button to activate your smartphone's voice assistant (Siri/Google Assistant).

5.5. Music Streaming

- **Play/Pause:** Briefly press the Media Button.
- **Next Track:** Rotate the Control Wheel forward.
- **Previous Track:** Rotate the Control Wheel backward.

5.6. FM Radio

Both units include a built-in FM radio with RDS.

- **Turn On/Off FM Radio:** Double-press the Media Button.
- **Scan Next Station:** Briefly press the Intercom Button.
- **Scan Previous Station:** Briefly press the Phone Button.

6. ADVANCED FEATURES

6.1. Over-the-Air Updates (PACKTALK Edge)

The PACKTALK Edge supports over-the-air software updates via the Cardo Connect app. This ensures your device always has the latest features and improvements without needing a computer connection.

- Download the Cardo Connect app from your smartphone's app store.
- Connect your PACKTALK Edge to the app.
- Follow the in-app instructions to check for and install updates.

6.2. Universal Connectivity

Both FREECOM 2X and PACKTALK Edge units offer universal Bluetooth connectivity, allowing them to connect with Bluetooth devices from other brands. This ensures compatibility with a wide range of communication systems.

7. MAINTENANCE

Proper care and maintenance will extend the lifespan of your Cardo communication system.

7.1. Cleaning

- Wipe the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the USB-C port cover is securely closed to maintain waterproofing.

7.2. Storage

- Store the device in a cool, dry place when not in use.
- Avoid storing in direct sunlight or extreme temperatures.

7.3. Battery Care

- Charge the battery regularly, even if not used frequently, to maintain battery health.
- Avoid completely draining the battery before recharging.

8. TROUBLESHOOTING

If you encounter issues with your Cardo system, try the following solutions:

Problem	Possible Solution
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Problem	Possible Solution
Device does not turn on.	Ensure the battery is charged. Connect to a charger and try again.
No audio from speakers.	Check speaker connections. Ensure volume is not muted or too low. Verify speakers are correctly positioned over ears.
Intercom not connecting.	Ensure both units are in pairing mode and within range. Re-pair the units if necessary.
Bluetooth connection issues.	Forget the device on your smartphone's Bluetooth settings and re-pair. Restart both devices.
Poor audio quality.	Check microphone placement. Ensure speakers are correctly positioned. Update firmware via Cardo Connect app.
Unit unresponsive.	Perform a soft reset by holding down the Control Wheel and Media Button for 10 seconds.

9. SPECIFICATIONS

Key technical specifications for the Cardo FREECOM 2X and PACKTALK Edge units:

- **Model Names:** FREECOM 2X, PACKTALK Edge
- **Connectivity:** Bluetooth 5.2 (FREECOM 2X), Bluetooth 5.0 (PACKTALK Edge)
- **Intercom Range:** Up to 800m (0.5 miles) for 2 riders (Bluetooth Intercom)
- **Audio:** JBL-engineered 40mm speakers, 3 audio profiles, Automatic Volume Control
- **Water Resistance:** Fully Waterproof
- **Radio:** Built-in FM Radio with RDS
- **Charging:** USB-C, Fast Charging (2 hours talk time from 20-minute charge for PACKTALK Edge)
- **Software Updates:** Over-the-Air (OTA) via Cardo Connect App (PACKTALK Edge)
- **Universal Connectivity:** Yes
- **Material:** Synthetic (Plastic/Silicone)
- **Control Type:** Media Control, Control Wheel

10. WARRANTY AND SUPPORT

Cardo Systems products are designed for durability and performance. For warranty information and technical support, please refer to the official Cardo Systems website or contact their customer service.

- **Official Website:** www.cardosystems.com
- **Customer Support:** Refer to the support section on the official website for contact details, FAQs, and additional resources.
- **Firmware Updates:** Regularly check for firmware updates via the Cardo Connect app to ensure optimal performance and access to new features.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question