QUICK START GUIDE











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1. INTRODUCTION

Thank you for choosing the SC EDGE communication and entertainment system for motorcycle helmets.

We wish you a great SC EDGE experience and encourage you to visit the support page regarding any questions, suggestions or comments you may have.

If you have not yet installed the SC EDGE unit on your helmet, please install it as described in the Quick Start Guide provided in the package. You can also watch the installation video accessible on this link.

For easy reference while on the road, download the Quick Start Guide here.

Before using your unit for the first time, download the Cardo Connect App and follow the on-screen instructions to update your SC EDGE to the latest software.

This is version 1.0 of the SC EDGE Manual.



2. GETTING STARTED

2.1 GETTING TO KNOW YOUR SC EDGE



2.2 CHARGING YOUR SC EDGE

Make sure that your SC EDGE battery is charged for at least 4 hours before initial use.

To charge the unit:

1. Using the supplied USB cable, connect your computer or wall charger (Input: 100-240 V, 50/60 Hz, 0.2 A maximum Output: 5 V DC, 1 A maximum) to the USB port on your SC EDGE.



- 2. Fast charging:
 - You will have 2 hours of talk time after 20 minutes of charging.
 - You will have 13 hours of talk-time after 2 hours of charging (100% battery charge)
- 3. Charge while riding:



In case you need to charge it, connect your unit to a power outlet. You can continue charging while riding.

TIP: You can check the battery charge at any time in the Cardo Connect App, or by saying "Hey Cardo, battery status".

2.3 SWITCHING YOUR UNIT ON/OFF

To switch your SC EDGE on:

Tap once on the power button



The speaker plays a startup sound.

Tap once on any of the Remote Control buttons to "wake up" the remote.



Press any button

Note: make sure the battery is installed in the remote before trying to operate it.

1







• Remote Control also compatible with 2016 battery

The LED confirms your SC EDGE is on:

- Turn on— LED flashes blue once, then green
- Turn off LED flashes red

To switch your SC EDGE off tap once on the power button





The LED flashes red, confirming that your unit is switching off. The speaker plays a sound, and a voice message indicates the battery status, "Battery Status X%".

To turn off the Remote Control, press the intercom and '-' buttons for 5 seconds



Note: the remote control will turn itself off after 2 hours of no usage.

2.4 USING YOUR SC EDGE

You can operate the various features of your SC EDGE in the following ways:

- Press a button or a combination of buttons on the remote control
- Use the Cardo Connect App on your mobile device (once it is paired with the unit) •
- Use natural voice operation (by saying a command, for example "Hey Cardo, Radio On")

2.5 PAIRING YOUR UNIT TO BLUETOOTH DEVICES

Your SC EDGE has two Bluetooth channels for connection to Bluetooth devices such as mobile phones, GPS devices, and Bike Infotainment.

To connect your unit to a Bluetooth device, you must first pair them. Once paired, they automatically recognize each other whenever they are within range.

To pair to a mobile phone:

1. Enable Bluetooth on your mobile phone.



2. Press the power button for 5 second



The LED flashes red and blue.

- 3. On your mobile phone, search for Bluetooth devices.
- When your SC EDGE appears in the list of available devices, select it.
 If prompted for a PIN or Passkey, enter 0000 (four zeros). If prompted to allow pairing on your phone, allow it.

The unit confirms that pairing has succeeded and the LED flashes purple for 2 seconds. A voice message confirms "Phone connected".

To stop phone pairing:

Press power button for 2 seconds



To pair to another Bluetooth device:

- 1. Enable Bluetooth on the device (for example, your second mobile phone, GPS device., or Bike Infotainment).
- 2. Press the power button for 5 second



The LED flashes red and blue rapidly.

- 3. Depending on the Bluetooth device:
 - a. For a GPS, tap the power button once.
 - b. For bike pairing, tap the power button another time.
 - c. For a second phone, tap the power button another time.
 - d. For remote control, tap the power button another time.
 - *



To pair the remote control, make sure your remote control is in pairing mode: press the "+" button for 5 seconds until LED flashes red.



- 4. On the device you are pairing, search for Bluetooth devices.
- 5. When your SC EDGE appears in the list of available devices, select it. If prompted for a PIN or Passkey, enter 0000 (four zeros). If prompted to allow pairing on your phone, allow it.

The device confirms via voice notification that pairing to the relevant device has succeeded and the LED flashes purple for 2 seconds.

6. To stop pairing press the power button for 2 seconds





3. CARDO CONNECT APP

The Cardo Connect App enables you to configure the settings of your SC EDGE. In addition, the App offers you remote controlled operation from the screen of your smartphone.

3.1 REGISTERING YOUR UNIT

1. Download the Cardo Connect App.



2. Register your SC EDGE.



3. Select your language.

← Unit language	
English	
English	
Español	
Sound	
Français	
Friedd	
Deutsch	
German	
Ф <u>2</u>	
Chinese	
日本語	
Japanese	
Русский	
Reason.	
Italiano	
Instan	
Portugues *	
Perhapston	
Hebrew *	



3.2 UPDATING YOUR UNIT

Before using your unit for the first time, and whenever a new software update is available, make sure to have the latest software update. Updating with the latest software keeps your unit free of bugs and provides you with additional new functionalities.

Your SC EDGE can be updated Over the Air, via Cardo Connect App, or via computer using the Cardo Update tool.

To update your SC EDGE with the Cardo Connect App:

Whenever a new software update is available, a pop-up will open on your App screen. Press Install and follow the on-screen instructions.

If you press Remind me later, the pop-up will re-open the next day.



To update your SC EDGE:

- 1. Open Cardo Connect App.
- 2. Press Settings.
- 3. Select your unit.
- 4. Select the software version.
- 5. Press Update Now.

When the update is finished, press Finish to go back to the main screen.

To update your SC EDGE unit with your computer:

- 1. Download and install the Cardo Update tool https://www.cardosystems.com/update.
- 2. Open Cardo Update.
- 3. Register (first time only).
- 4. Connect the unit to the computer using a USB cable and update the firmware.



Cardo Update on Windows/Mac - minimum requirements - Windows[®] 7/macOS x10.8.

4. ON THE ROAD

SC EDGE makes it easy for you to receive phone calls and listen to music in a convenient and safe manner.

4.1 BASIC AUDIO FUNCTIONS

The basic audio functions are the same whether you are listening to music, speaking on the intercom, or having a phone conversation.

To turn the volume up:

• Tap the "+" button.



An increasingly louder tone is played on the speaker until you reach the maximum volume, as indicated by the maximum volume tone.

To turn the volume down:

• Tap the "-" button



An increasingly quieter tone is played on the speaker until you reach the minimum volume, as indicated by the minimum volume tone.

To mute/unmute the microphone completely:

• Tap the intercom and '-' buttons once





4.2 MAKING AND RECEIVING PHONE CALLS

You can use your mobile phone to make and receive phone calls while paired to your SC EDGE.

You can make a hands-free call using your mobile phone's voice dial option or using the Cardo speed dial or redial last call options.

To make a phone call:

To dial using your mobile phone's voice dial option, tap '+' and '-' or say, "Hey Siri" (if you are using an iOS device) or "OK Google" (if you are using an Android device), then make your call as per the instructions for your mobile device.

To set a speed dial number:

On the Cardo Connect App, select "Phone". tap SET+ then select a contact.



To call a preset speed dial number:

Tap 3 times on the media button.



If you have connected two mobile phones to your unit, you cannot perform two calls from the same unit at the

During Bluetooth intercom 3 or 4-way calls, riders that are connected on both channels A and B cannot receive phone calls.

To answer a call:

Tap the intercom button or the media once or say "Answer".





To ignore a call:

• Tap the '-' button or say "Ignore".



To end a call:

• Tap the intercom or the media button once or say "Hey Cardo, End Call".



4.3 STREAMING MUSIC

You can stream music from your paired device to your SC EDGE.

To start music streaming from your paired device, first make sure your music app is active in the background. Then:

.Tap the media button once or say "Hey Cardo, music on".



To stop music streaming:

• Press the media button for 2 seconds or say, "Hey Cardo, music off".



To skip to the next track (while streaming):

• Tap the media button once or say, "Hey Cardo, next track".



To skip back to the previous track (while streaming):

• Tap the media button twice or say "Hey Cardo, previous track".



To share music with participant:

• Press the intercom button for 2 seconds or say "Hey Cardo, share music"



To toggle between FM and music:

• Press on the media button for 5 seconds





4.4 LISTENING TO FM RADIO

The SC EDGE is equipped with a built-in FM radio. You can store up to 6 preset stations.

To turn on the FM radio:

• Tap media button twice or say, "Hey Cardo, radio on". The unit announces the frequency-



• When you switch on your FM radio, the station that was playing when you last switched off resumes playing.

To turn the FM radio off:

• Press the Media button for 2 seconds or say, "Hey Cardo, radio off".



To skip to the next station (if previously stored by the user):

• Tap the Media button or say "Hey Cardo, next station". The unit announces the frequency-



To skip back to the previous station:

.Tap the Media button twice or say "Hey Cardo, previous station": The unit announces the frequency-





To Auto-Tune 6 presets:

1. Press the Media and "+" buttons for 2 seconds

The system will scan and save the first 6 FM available stations



To store a scanned station in the active preset:

• Use the Cardo Connect App on your mobile device.



To switch between FM and music:

• Press the Media and Intercom buttons or 5 seconds.



4.5 VOICE COMMANDS

You can use voice commands for hands-free operation of certain SC EDGE features. Voice commands use natural voice operation. You say a command and SC EDGE performs the action. Voice commands are available in various languages. English is the default language. You can change the language to another available language via the Cardo Connect App.

То	Say
Answer an incoming call	"Answer"
Ignore an incoming call	"Ignore"
End a call	"Hey Cardo, end call"
Call the default number (configurable)	"Hey Cardo, speed dial"
To cancel sending SMS to emergency contact	"Ignore"
Turn on music	"Hey Cardo, music on"
Turn off music	"Hey Cardo, music off"
Play the next music track	"Hey Cardo, next track"
Play the previous music track	"Hey Cardo, previous track"
To share music	"Hey Cardo, share music"
Turn on the radio	"Hey Cardo, radio on"
Turn off the radio	"Hey Cardo, radio off"
Skip to the next preset radio station	"Hey Cardo, next station"
Skip to the previous preset radio station	"Hey Cardo, previous station"
Open the call intercom (for Bluetooth Intercom)	"Hey Cardo, call intercom"
To close intercom call (for Bluetooth Intercom)	"Hey Cardo, end intercom"
Access Siri (when connected to an iOS device)	"Hey Siri"
Access Google (when connected to an Android device)	"OK Google" "Hey Google"
Raise volume	"Hey Cardo, volume up"
Lower volume	"Hey Cardo, volume down"
Mute audio	"Hey Cardo, mute audio"
Unmute audio	"Hey Cardo, unmute audio"
Mute microphone	"Hey Cardo, mute microphone"
Unmute microphone	"Hey Cardo, unmute microphone"
Check the battery status	"Hey Cardo, battery status"

SC EDGE uses the following predefined voice commands.



5. RIDING WITH OTHERS

Your SC EDGE features three distinct intercom communication modes: the traditional Bluetooth protocol, Live Intercom, and Cardo's Dynamic Mesh Communications (DMC) technology.

DMC technology has transformed the way riders connect, creating a self-healing, flexible network that keeps you effortlessly linked with up to 15 riders. Unlike traditional Bluetooth, which demands manual pairing and can struggle when riders move in and out of range or even out of their riding order, DMC forms a direct, adaptive connection with each unit—no re-pairing needed. If anyone leaves or rejoins, or even changes the riding formation of the group, the network instantly adjusts, delivering uninterrupted, reliable communication for the group. You can also use the DMC intercom to communicate privately with another rider.

Of course, you can still use Bluetooth to connect to devices, such as your smartphone or GPS, or to communicate with riders with headsets that don't include DMC technology. For details, see Bluetooth Intercom on page 23.

If the SC EDGE communication system is installed on full carbon helmets, the maximum communication range is limited to 400 meters in open terrain without obstacles, due to the electromagnetic interference shielding properties of the carbon fiber.

5.1 DMC INTERCOM

5.1.1 GENERAL INFORMATION ABOUT SETTING UP AND USING DMC INTERCOM GROUPS

DMC Intercom groups are created by any rider in the group. Each group can have up to 15 riders.

When creating a group, all members should be within 5 meters (16 feet).

If your DMC group connection is lost, you remain part of the group. Once in range of any other group member, you automatically reconnect.

If your DMC group splits with some group members remaining in range of each other but not in range of all group members, you can continue speaking with the members still in range. Once in range of any other group member, you automatically reconnect.

If you join a new DMC group, it will become your default group. The group you have exit will remain in your group list, and you can rejoin at any time by tapping on it in the Cardo Connect App.

5.1.1.1 CREATING DMC INTERCOM GROUPS

When creating a DMC group, you must coordinate with the other riders who will be the group. When creating a group, all members should be within 5 meters (16 feet).

1. All the riders press the Intercom button for 5 seconds. The LED of the main unit flashes red and green quickly.



2. After each member joins successfully, the LEDs of the joined main unit flash purple. After grouping is completed, the DMC Intercom conference starts automatically.



5.1.1.2 JOINING DMC INTERCOM GROUPS

You can join or rejoin a DMC Intercom group previously created.

To join an existing DMC group:

- The group admin allows the additional rider by selecting "Add a rider" in the Cardo Connect App. 1.
- 2. The new rider needs to press the Intercom button for 5 seconds. The LED of the main unit flashes red and green quickly.

The color of the main unit flashing LED indicates whether you have been added to the group:

- Purple: You have successfully joined the group. •
- Yellow: You cannot join the group because it has already reached the maximum number of riders.
- Red: Failed to join.

5.1.1.3 LEAVING DMC INTERCOM GROUPS

You can leave a DMC group with Cardo Connect App or by doing a full factory reset.

future.

5.2 USING DMC INTERCOM

5.3 ADDING A NON-DMC PARTICIPANT

You can use the DMC bridging feature to add a non-DMC participant to the intercom group.

To bridge a non-DMC participant:

To add a Bluetooth participant, use the Cardo Connect App:



The participant needs to start Bluetooth intercom pairing.

Adding non-DMC participant using your SC EDGE:



Switch your unit to Bluetooth intercom mode

Press the Media and Intercom buttons for 5 seconds •



Start Bluetooth pairing:

Press the Intercom button for 5 seconds



Start Bluetooth intercom pairing on the non-DMC participant unit, followed by a voice announcement "Rider A/B pairing".

After pairing is successful, switch your SC EDGE back to DMC mode

Press the Media and Intercom buttons for 5 seconds •



To start/stop a non-DMC participant intercom:

Tap the Intercom button 3 times



5.3.1 PRIVATE CHAT

•

You can chat privately with a specific member of your DMC group.

This option is also available using the Cardo Connect App.



To start a private chat:

1. In Cardo Connect App, select the rider you want to speak to in private



- 2. Once selected in the App, private chat starts automatically.
- 3. To end/start the private chat using the unit's buttons, tap the Intercom button twice. The unit will confirm with a voice announcement "Private Chat on/off".



5.3.2 MUTING/UNMUTING DMC INTERCOM GROUPS

Muting the DMC Intercom mutes your microphone and speaker for the intercom group communication. Your microphone and speakers are still active for phone calls and music. Unmuting brings you back to the group conversation.

To mute/unmute the DMC group:

• On your unit, press the Intercom and '-' buttons for 2 seconds.



5.3.3 TO START/STOP SHARING A CALL:

To start/stop sharing a call:

To share an active phone call with the riders in the DMC group press the Intercom button for 2 seconds.



All the riders can participate in the phone conversation.



5.3.4 Receiving phone calls during DMC conversations

The phone will ring simultaneously with the conversation, and you will be able to tell the group that you are going to answer the call. Once you answer a call, the group will be muted (including the microphone for DMC conversation only).

5.3.5 MULTIPLE AUDIO SOURCES AND VOLUME MANAGEMENT

The SC EDGE can use parallel audio streaming to stream audio from two connected sources simultaneously, so that you can listen to your music or the FM radio while in an active DMC Intercom conversation. SC EDGE automatically manages your music and FM radio volume while using DMC Intercom. SC EDGE also automatically manages DMC Intercom volume with mobile phone calls and GPS.

You can receive a phone call during a DMC conversation.

5.4 BLUETOOTH INTERCOM

Your unit is equipped with Live-Intercom technology with automatic reconnection feature to ensure seamless communication. When the unit detects disconnection from the other side, it will initiate automatic reconnection attempts. An audible announcement of "Reconnecting" will signal the ongoing process, accompanied by periodic beeps every 20 seconds for indication. Users have the flexibility to manually terminate the reconnection attempts by tapping the intercom button once.



The reconnection sequence is limited to 5 minutes, after which the intercom will be disconnected if successful reconnection is not established. For enhanced efficiency, when supported units are connected to each other, reconnection is initiated from both sides, facilitating a faster process. However, if a supported unit is connected to any other Bluetooth device, reconnection attempts will only be initiated from the supported unit's side. This feature ensures a hassle-free and user-friendly experience, maintaining continuous communication in diverse scenarios.

* Please note: the Bluetooth intercom requires manual initiation for the initial connection. To connect your unit to another unit with a Bluetooth intercom, such as a Cardo Bluetooth unit or other Bluetooth enabled devices, you must first pair their channels. Once paired, the unit automatically recognizes the other one whenever they are in range.



- Pairing a channel replaces any existing paired unit on that channel with the new unit.
- The Intercom range with other models is limited to the distance of the unit with the shorter range.

5.4.1 SETTING UP NON-DMC INTERCOM

DMC is always the best way to connect a group of riders. If you happen to ride with a group of riders that do not have DMC devices (such as Bluetooth communicators by Cardo or by other brands), you can switch your unit to Bluetooth mode and create or join a non-DMC group. The participating riders are connected in a chain with a maximum total of four riders.

To set up a non-DMC intercom with another Cardo unit:

1. Confirm your SC-EDGE unit is in Standby Bluetooth intercom mode (LED flashes blue slowly).

If your unit is not in Bluetooth intercom mode, use the Cardo Connect App. Select intercom, then Bluetooth Mode.

2. To initiate 2-way pairing:





Select Intercom

 X
 Intercom
 Image: Comparison of the compariso



Select the Bluetooth rider

Using the unit: start Bluetooth intercom pairing by pressing the intercom button for 5 second, followed by a voice announcement "Rider A pairing".

Switch to Bluetooth mode

+++ 55 55 cardosystems.com 3. To add a 3rd rider:



Using your unit:

1. Start Bluetooth intercom pairing by pressing the intercom button for 5 seconds



2. Tap once on the intercom button, followed by a voice announcement "Rider B pairing".



Bluetooth intercom pairing needs to be initiated on the other device.

4. To add a 4th rider, Rider 1 or Rider 2 connects to the additional rider.





To set up a non-DMC intercom – NON Cardo:

1. Start Bluetooth intercom pairing on the SC-EDGE unit, followed by a voice announcement "Rider A/B pairing".



2. Start Universal intercom pairing on the Non-Cardo unit and wait for them to pair.

* If not succeeded, Start mobile phone pairing on Non-Cardo unit instead of the universal pairing

5.4.2 USING THE BLUETOOTH INTERCOM

5.4.2.1 STARTING/ENDING BLUETOOTH INTERCOM

CALLS

To start or end communication with both riders (in the event there is only one rider connected, the

communication will be opened only with the connected rider in range):

• Tap the intercom button once or say "Hey Cardo, call intercom" or "Hey Cardo end intercom"



5.4.2.2 RECEIVING BLUETOOTH INTERCOM CALLS

If another paired unit calls you via Bluetooth intercom, the call begins instantly.



5.5 SHARING MUSIC

You can share music with a participant.

- Music can be shared with only one participant.
- Bluetooth intercom calls are disabled when sharing music.
- If you paired your unit to two mobile phones, music will be shared from the mobile phone through which you last played music.
- When you stop sharing music, the music continues to play on your unit only.
- Music can be shared only with units from the same generation
- Music cannot be shared cross-brands

To start sharing:

- 1. Set a sharing partner using the Cardo Connect App:
 - 1) Open intercom screen by tapping on the intercom button
 - 2) Switch to Bluetooth mode by tapping the Bluetooth tab
 - 3) Start Bluetooth intercom pairing by tapping the Bluetooth icon for rider A
 - 4) After pairing is completed, switch back to DMC mod by tapping the DMC tab



• Considering you are in DMC mode. In case you are in Bluetooth mode, skip screens 2 and 4.



2. Start playing music.

3.To start/stop sharing, press the intercom button for 2 seconds.



5.6 SWITCHING BETWEEN INTERCOM MODES

Your SC EDGE unit can work in only one intercom mode at a time.

The current intercom mode is indicated by the color of the LED on the main unit:

- When in DMC intercom mode, the LED flashes green at approximately 4-second intervals.
- When in Bluetooth intercom mode, the LED flashes blue at approximately 4-second intervals.

To switch between intercom modes:

• Press Intercom and Mobile buttons 5 seconds



OR

• Use the Cardo Connect App.



The color of the flashing LED changes and a voice message indicates the current intercom mode.



6. TROUBLESHOOTING

6.1 REBOOT

If your SC EDGE stops responding, reset it in one of these ways:

- Turning it off and then on again (see Switching Your Unit On/Off). •
- To Reboot the unit, gently insert a paperclip into the hole and tap the Pinhole Fault Reset Button with light pressure.



6.2 FACTORY RESET

This option deletes all paired units, devices and all configuration settings.

To perform a factory reset through the unit:

- 1. Check that your SC EDGE is in Standby mode.
- 2. Press the Power button on the back unit for 10 seconds



The LED flashes purple 5 times.

3. A factory reset can also be performed with the Cardo Connect App.

6.3 FAQ

Additional answers to common problems can be found at www.cardosystems.com/support/sc-edge



7. PERSONALIZING YOUR DEVICE

Get the most out of your SC EDGE by changing the settings and customizing your unit according to your own personal preferences, using the Cardo Connect App on iOS or Android devices.

7.1 USING PARALLEL AUDIO STREAMING

With parallel audio streaming, you can hear GPS instructions during a mobile or Bluetooth intercom call, or while listening to other audio sources, such as music or FM radio.

- player or GPS navigator).
- connected to only one intercom call listens to mobile phone and GPS announcements.
- Music can be streamed in the background during an active DMC intercom call.



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8. SUPPORT

For additional information:

:www.cardosystems.com/support/sc-edge

- To avoid potential problems and to receive our support and warranty coverage, we strongly recommend buying our products only from authorized Cardo dealers.
- Your favorite brick-and-mortar store is always your best bet. Unauthorized online resellers and online auction service. We select dealers who share that vision. Buying grey market items from unauthorized online dealers is counterfeit or defective products or devices whose warranties are void. Protect your investment by purchasing

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