

# scala rider<sup>®</sup>

## Q1 / Q1 TeamSet<sup>™</sup>



## User Guide

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### IMPORTANT:

*This is version 1.1 of the User Manual. Please note, that our manual is periodically updated on the Cardo website to include the very latest features and functions of your new **scala rider**.*

*Please visit **[www.cardosystems.com/download/manuals](http://www.cardosystems.com/download/manuals)** to check if the manual you are holding is the most updated version and to download the manual in your preferred language.*



## 1. INTRODUCTION

Thank you for choosing the **scala rider Q1® Bluetooth®** communication and entertainment system for motorcycle helmets. This manual will help you set up, configure and operate the **scala rider Q1**.



**If you have purchased the Q1 TeamSet™, your retail box contains two factory-paired scala rider Q1 units.**

Among others, the **scala rider Q1** offers the following key features:

### INTERCOM OPTIONS (IN FULL DUPLEX)

- Rider-to-Passenger intercom
- *Click-to-Link®* Intercom: For spontaneous connection with random **scala rider** users nearby who have CTL capability enabled

### MULTIPLE DEVICE CONNECTIVITY

- Mobile phones / MP3 Players / GPS (Sat-Nav) devices (2 *Bluetooth* connections)
- Other **scala riders** via intercom

### ENTERTAINMENT OPTIONS

- Wireless music streaming via devices supporting *Bluetooth* Stereo A2DP and AVRCP profiles
- Audio Players (non-*Bluetooth*) via cable (provided)
- Built-in FM Radio with 6 station presets and auto-tuning

### CARDO COMMUNITY®

- Customize your **scala rider** settings
- Download software upgrades, enhancements and new features

### ADVANCED TECHNOLOGY

- AGC (Automatic Gain Control) technology, for the automatic adjustment of volume according to ambient noise and driving speed. You can also control the volume level manually. AGC sensitivity levels can be customized to suit your personal preferences.
- VOX technology for safe, hands-free operation of key functions. VOX sensitivity levels can be customized to suit your personal preferences.
- PLC (Packet Loss Concealment) software for real-time compensation of audio losses in challenging environments.
- Spoken status announcements, so that you always know to whom or to what device you are connected.
- Volume Per Mode: Volume is set and saved at different levels for each audio source.

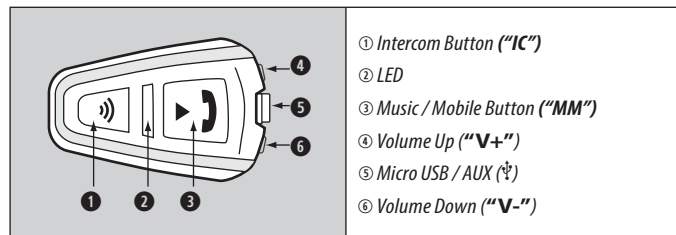
We wish you a great **scala rider Q1** experience and encourage you to contact us at [support@cardosystems.com](mailto:support@cardosystems.com) with any questions, suggestions or comments you may have.

## CONTENTS OF RETAIL BOX

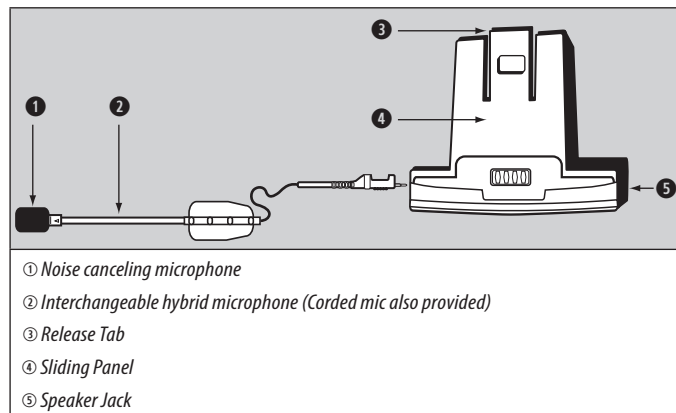
















**NOTE:** If you purchased the **scala rider Q1 TeamSet**, the Box will include two sets of each item listed below.

### scala rider Q1



### Audio Kit

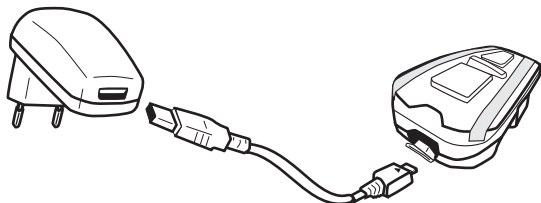


Corded microphone 	Replacement mic sponges* 
Speakers 	Speaker booster pads 
Wall charger plug 	USB cable 
Hybrid mic clip 	MP3 cable 
Alcohol pad 	Velcro pads 
Allen wrench 	Large Velcro pads 
Carry pouch 	Glue plates 

\*The large microphone sponge is recommended for use with open helmets

## 2. CHARGING THE SCALARIDER

Make sure that your **scala rider** is fully charged for at least 4 hours before initial use.



Charging with the wall charger is faster than via a computer USB port.

- RED LED ON – Charging
- RED LED OFF – Charging complete

### Battery Check

In Standby, press "V+" for 2 seconds.

- BLUE = Full
- PURPLE = Half
- RED = Almost empty

### IMPORTANT:

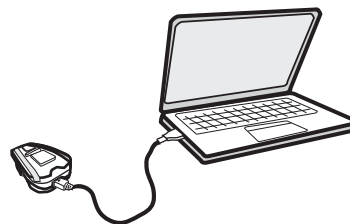


The **scala rider Q1** is certified as waterproof and dustproof (IP67). However, **when in use, the USB silicone cover should be kept tightly closed** to prevent moisture from entering the unit.

## 3. CARDO COMMUNITY PLATFORM

Visit <http://community.cardosystems.com> for the following features:

- Register your device for warranty and technical support
- Download and install the latest software upgrades\*
- Customize settings\*



Make sure to have your product serial number ready which can be found on the white label on the back of the unit.

\*Minimum requirement: Windows® XP or later / Mac OS X® 10.5 or later

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## 4. GETTING STARTED

### 4.1 GENERAL FUNCTIONS

<b>Power ON / OFF</b>	Press " <b>IC</b> " for 2 seconds <b>ON:</b> 3 BLUE flashes + Ascending tone <b>OFF:</b> 3 RED flashes + Descending tone
<b>Volume</b>	Tap " <b>V+</b> " or " <b>V-</b> " to adjust and set volume of current audio source
<b>Mute</b>	Tap " <b>V+</b> " and " <b>V-</b> " simultaneously
<b>Battery Check</b>	In Standby, press " <b>V+</b> " for 2 seconds: • BLUE LED = Full charge • PURPLE LED = Half charge • RED LED = Almost empty
<b>Voice Menu</b>	In standby, press " <b>MM</b> " and " <b>IC</b> " simultaneously for 5 seconds and follow the audio instructions (see section 4.5)
<b>Enable / Disable VOX (For Intercom calls only)</b>	In standby, press " <b>V+</b> " and " <b>V-</b> " simultaneously for 2 seconds <b>ENABLED:</b> Blue flash for 2 seconds <b>DISABLED:</b> Red flash for 2 seconds
<b>Enable/Disable Click-to-Link (CTL) (Enabled by default)</b>	Via the Voice Menu or via the <i>Cardo Community</i>
<b>Enable/Disable Spoken Status Announcements (Enabled by default)</b>	Via the Voice Menu or via the <i>Cardo Community</i>

### 4.2 STATUS LIGHTS

None	<b>scala rider</b> is OFF
<b>1 BLUE flash every 3 seconds</b>	Standby mode No active audio sources
<b>2 BLUE flashes every 3 seconds</b>	Active mode – Call in progress / music or other audio source is ON
<b>1 RED flash every 3 seconds</b>	Standby mode – Battery is low
<b>2 RED flashes every 3 seconds</b>	Active mode – Battery is low
<b>Solid RED</b>	Charging

### 4.3 AUDIO SOURCES AND PRIORITIES

If two connected audio sources try to play audio simultaneously, your **scala rider** automatically determines which audio source to play through the speakers based on the priority of the connected devices.

Higher Priority



Lower Priority

1. Mobile Phone audio or GPS instructions\*
2. Intercom / Click-to-Link
3. A2DP (Stereo Bluetooth) audio
4. FM Radio (Built-in)
5. AUX (for corded connection i.e. Music Players)

\*GPS instructions from Smartphone GPS Apps are prioritized like A2DP audio

For example:

- Incoming **mobile phone calls** interrupt ongoing **intercom calls**
- Incoming **intercom calls** will interrupt ongoing **A2DP music**
- Intercom and Click-to-Link calls have the same priority. So Click-to-Link calls will not interrupt any Intercom call in progress, and vice-versa.



**NOTE:** A2DP audio priority can be configured to be higher than Intercom audio priority via the *Cardo Community* (see section 4.4).

## 4.4 SETTINGS

Customize various settings according to your preferences:

- **Spoken Status Announcements**, i.e. informing you about connectivity status (default: ON)
- **AGC sensitivity level** for the speakers (default: Medium)
- **VOX sensitivity level** for the microphone (default: Medium)
- **Click-to-Link** Intercom (default: ON)
- **A2DP audio / Intercom priority** to change priority for A2DP audio sources (via Cardo Community only)

To change settings:

- Via the *Cardo Community* platform at <http://community.cardosystems.com> (see section 3).
- Via the Voice Menu on your **scala rider** (see below)

## 4.5 VOICE MENU

The Voice Menu is available in several languages.

<b>Enter Voice Menu</b>	In standby, press “MM” and “IC” simultaneously for 5 seconds. Follow the audio instructions.
<b>Exit Voice Menu</b>	Press “MM” for 2 seconds

## 4.6 VOICE CONNECT (VOX) SETTINGS

Your **scala rider** offers VOX technology for safe and hands-free operation of some key functions.

The VOX can be customized to adjust its sensitivity level. VOX activation for Intercom calls can also be disabled completely.

You can choose between ‘High’, ‘Medium’ (default) and ‘Low’ VOX sensitivity.

If you experience difficulties starting a conversation using VOX, change the setting to ‘High’.

If your VOX keeps starting calls involuntarily, change the setting to ‘Low’.

## ENABLE/DISABLE VOX

In Standby, press “V+” and “V-” simultaneously for 2 seconds.

<b>Enable</b>	BLUE flash for 2 seconds
<b>Disable</b>	RED flash for 2 seconds

To change VOX settings: Use the *Cardo Community* platform or enter the Voice Menu on your **scala rider** (see section 4.5).

## 5. INTERCOM

The **scala rider Q1** allows Rider-to-Passenger full duplex intercom communication.

To chat with another **scala rider** via Intercom, pair your **scala rider Q1** to the second device. Pairing is a one-time process. Once paired, the two units will automatically recognize each other whenever in range.

### 5.1 INTERCOM COMPATIBILITY

Your **scala rider Q1** is compatible with most **scala rider** models for intercom calls. In addition, it is also compatible with the *Schuberth SRC-System™*. Intercom range with other models is limited to the distance of the device with the shorter range.

For details on how to pair and use your **Q1** with other **scala rider** models, please visit [www.cardosystems.com/Q1compatibility](http://www.cardosystems.com/Q1compatibility).

## 5.2 PAIRING THE INTERCOM CHANNEL

**NOTE:** Pairing will replace any existing paired device with the new device.

If you have purchased the **Q1 TeamSet**, the retail package contains two pre-paired units.

If for any reason you have to pair them again, OR if you wish to pair another unit, proceed as follows:

1. Check both **scala riders** are in Standby (single BLUE flash every 3 seconds).
2. On the **Q1**, press and hold the **"IC"** button for 5 seconds. The LED will begin flashing RED and the Q1 will now be in intercom pairing mode.
3. Enter intercom pairing mode on the second unit by following the device's instructions. Both units will now be in intercom pairing mode.
4. After a few seconds, the Q1 will show a solid RED light for 2 seconds, indicating that it is paired and ready to use.

**NOTE:** If Pairing is not completed within two minutes, the units will return to Standby mode.

## 5.3 MAKING INTERCOM CALLS

<b>Make Intercom Call</b>	Tap <b>"IC"</b> or speak any word loudly into the microphone to call via VOX
<b>End Intercom call</b>	Tap <b>"IC"</b>

Use VOX to make Intercom Calls using only your voice (see section 4.6). VOX Intercom calls will end automatically after 30 seconds of silence.

**IMPORTANT:** VOX and AGC performance will vary based on environmental conditions including driving speed, helmet type and ambient noise.

For improved performance, minimize the wind impact on the microphone by using the large microphone sponge and closing the visor.

## 5.4 RECEIVING INTERCOM CALLS

- If another paired **scala rider** tries calling you via Intercom, the call will begin almost instantly
- To receive a **CTL** intercom call see table in section 5.5

## 5.5 CLICK-TO-LINK® INTERCOM

**Click-to-Link** is the spontaneous, "social" feature of your **scala rider**. Use **Click-to-Link** to make intercom calls with other **scala rider** users near you without pre-pairing.

**Click-to-Link** can be disabled on your **Q1** effectively blocking any attempt by others to make **Click-to-Link** calls to you.

If you want to...	Perform this action:
<b>Start a CTL call request</b> (search lasts up to 10 seconds)	In standby, press <b>"MM"</b> for 2 seconds
<b>End a CTL call / Cancel a CTL call request</b>	Tap <b>"IC"</b>
<b>Accept a CTL call</b>	When hearing the <b>CTL</b> ringtone: Tap <b>"IC"</b> or say any word loudly to answer by VOX
<b>Reject a CTL call</b>	Remain silent until the <b>CTL</b> ringtone stops or press <b>"IC"</b> for 2 seconds
<b>ENABLE/DISABLE CTL</b> (Default: ENABLED)	Via the Voice Menu (see section 4.5) or via the <i>Cardo Community</i>



If other **scala rider** users are nearby, your next *Click-to-Link* call may randomly connect to any of them.

## 5.6 BUSY SIGNAL

A busy signal will be heard when attempting to establish an Intercom call with another device that is already on a phone or intercom call.

## 6. PAIRING AND USING A MOBILE PHONE, GPS DEVICE OR MP3 PLAYER



To connect your **scala rider** to a *Bluetooth* device you must first pair them. Once paired, they will automatically recognize each other whenever they are within range (10m / 33ft).

Your **scala rider** has two *Bluetooth* channels for connection to mobile phones, GPS devices and music players with A2DP.

### 6.1 PAIRING BLUETOOTH CHANNELS 1 AND 2

1. Make sure *Bluetooth* is enabled on your phone/GPS/MP3 player.
2. Check the **scala rider** is in Standby (single BLUE flash every 3 seconds).
3. To pair **Bluetooth Channel 1** – press “**V+**” for at least 5 seconds until the RED and BLUE LEDs begin rapidly alternating.  
To pair **Bluetooth Channel 2** – press “**V-**” for at least 5 seconds until the RED and BLUE LEDs begin rapidly alternating.

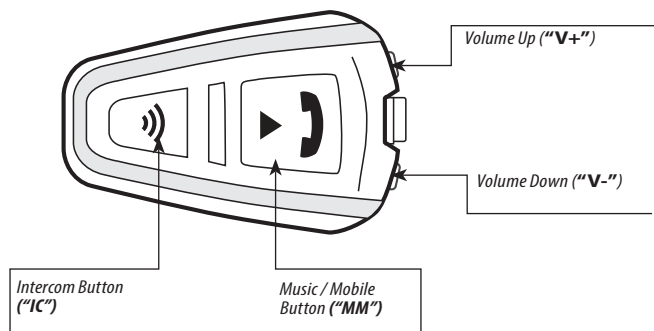
4. Search for *Bluetooth* devices on your phone/GPS/MP3 player by following the device’s instructions.
5. After a few seconds the device will list “**scala rider Q1**”. Select it.
6. If prompted for a PIN or Passkey, enter 0000 (four zeros).
7. The device will confirm that pairing has succeeded and the **scala rider** will begin flashing slowly in BLUE.
8. If Pairing is not completed within 2 minutes, the **scala rider** will return to Standby mode.

#### IMPORTANT!

- If you have paired 2 different mobile phones directly to your **scala rider**, you will need to set one as default for making calls. See section 6.2b for details.
- If your GPS supports it, you can pair the second mobile phone directly to the GPS and then pair the GPS to your **scala rider**, and so connect both mobile phones and the GPS to your **scala rider**.

#### NOTES:

- Not all *Bluetooth* mobile phones can broadcast *Bluetooth* Stereo music (A2DP), even if the phone has an MP3 player function. Consult your mobile phone’s User Manual for more information.
- Not all *Bluetooth* GPS devices allow connection to *Bluetooth* audio devices. Consult your GPS User Manual for more information.
- After pairing, you may need to tap “**MM**” to connect the **scala rider**.



## 6.2 MAKING AND RECEIVING PHONE CALLS

<b>Answer a call</b>	Tap "MM" or say any word loudly to answer by VOX
<b>Reject a call</b>	Remain silent for 15 seconds, or press and hold "MM" for 2 seconds
<b>End a call</b>	Tap "MM"
<b>Voice Dial*</b> (if supported by mobile phone)	Tap "MM" and "IC" simultaneously and follow the prompt from the mobile
<b>Redial*</b>	Press "MM" and "IC" for 2 seconds
<b>Hot-Dial</b> (see 6.2a)	Tap "MM" three times
<b>Set default phone</b> (see 6.2b)	When on a phone call, press "V+" for 5 seconds
<b>Toggle default phone</b> (see 6.2b)	In Standby, press "MM" for 5 seconds

\*This feature is not available during mobile calls

### 6.2a HOT DIAL (CALL A PRE-PROGRAMMED PHONE NUMBER)

To use the Hot-Dial feature, first configure your **scala rider** via the *Cardo Community* (see section 3 for details).

### 6.2b BLUETOOTH CHANNEL PRIORITY

If you have 2 mobile phones paired directly to your **scala rider**, you will need to set one of them to use as default for outgoing calls.

While on a phone call, press "V+" for 5 seconds to set this phone as the default.

You can toggle default phones by pressing "MM" for 5 seconds when in Standby mode.

## 6.3 LISTENING TO MUSIC VIA A2DP



**NOTE:** The *scala rider* can also receive audio via the enclosed cable from non-Bluetooth MP3 Players or audio sources as described in section 6.4

Available only on AVRCP compatible *Bluetooth* audio sources

Play	In Standby, tap "MM"
Pause/Stop	Press "MM" for 2 seconds
Next Track	With music ON, tap "MM"
Previous Track*	With music ON, double tap "MM"

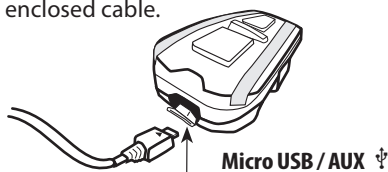
\*With some phones you may need to repeat this action

### SWITCHING BETWEEN A2DP AUDIO SOURCES

1. Stop the music playback from the current device.
2. Start music playback from the other device.

## 6.4 CABLE-CONNECTED MP3 PLAYERS

The USB Port can be used to connect a non-*Bluetooth* audio source using the enclosed cable.



1. Verify that the **scala rider** is in Standby (single BLUE flash every 3 seconds).
2. Connect the MP3 cable to the Music Player's jack and insert the other end into the USB Port.

To listen to music from a cable-connected device, operate the Music Player using its buttons as usual (FF/REW/PLAY/PAUSE).

## 6.5 MUSIC SHARING



Music-sharing allows rider and passenger to listen to the same music within a range of 33 ft / 10m.

Music sharing works only with A2DP (*Bluetooth* stereo) enabled audio sources. In order to share your music with your riding partner, your **scala rider** unit [SENDER] needs to be paired to the other unit [RECEIVER] and the RECEIVER must be in Standby mode.

<b>[SENDER] Start/Stop sharing your music:</b>	During A2DP music playback, press " <b>V+</b> " or " <b>V-</b> " for 2 seconds
<b>[RECEIVER] Stop music sharing:</b>	Press " <b>V+</b> " or " <b>V-</b> " for 2 seconds

Phone/Intercom calls and GPS audio navigation will override music playback.



**NOTE:** Music sharing does not transmit voice audio and cannot be used as an Intercom call.

## 7. FM RADIO



Your **scala rider** includes a built-in FM radio with a 6 Preset memory and RDS (Radio Data System).

### 7.1 GENERAL FUNCTIONS

<b>Turn on Radio</b>	In standby, double tap " <b>MM</b> "
<b>Turn off Radio</b>	Press " <b>MM</b> " for 2 seconds
<b>Next Station Preset</b>	With radio ON, tap " <b>MM</b> "
<b>Previous Station Preset</b>	With radio ON, double tap " <b>MM</b> "

Preset stations can be saved via the *Cardo Community* platform or directly on your **scala rider**.

1. Turn on the Radio.
2. Select a Preset channel you wish to set (Presets 1 – 6) by tapping "**MM**" until the desired Preset is heard.
3. Find an FM station to save using Seek or Scan (see section 7.2).

### 7.2 RADIO TUNING

**Seek and Save:** (Find the next FM station)

1. Press "**V+**" or "**V-**" for 2 seconds.
  - "**V+**" searches upwards (higher frequency) for a station
  - "**V-**" searches downwards (lower frequency) for a station
2. Tap "**MM**" within 20 seconds of finding the FM station to save it as the current Preset.

**Scan and Save:** Scan through FM stations

1. Press and hold the "**V+**" button for 5 seconds. The **scala rider** will search upwards (higher frequency) for a station. When a station is found, it can be heard for a few seconds.
2. To stop the scan on this station: Tap "**V+**".

3. Tap **"MM"** within 20 seconds of finding the FM station to save it as the current Preset.
4. To continue scan: Wait for the next station to be found.



**NOTE:** During Scan, tap the **"MM"** button to fast save the current FM station as the current Preset

### 7.3 AUTOMATIC RADIO TUNING

This feature makes finding new stations fast and easy by automatically creating a temporary list of 6 "on-the-go" radio stations.

1. Turn on the Radio.
2. Press **"V-"** for 5 seconds.
3. Your **scala rider** will search upwards (higher frequency) from the current station and store the next 6 FM stations it discovers as "on the go" stations.
4. If desired, repeat Step 2 to store the next 6 FM stations as "on the go" stations.



**NOTE:** These 6 temporary "on the go" stations cannot be saved and do not replace the FM Presets you may have saved.

Turning off your **scala rider** will clear the Automatic Radio Tuning stations and restore the FM Presets.

### 7.4 RDS (RADIO DATA SYSTEM)

RDS allows your **scala rider** to automatically retune to the strongest frequency available for the FM station you are listening to when the signal becomes too weak.

**RDS ON/OFF**  
(Default: Off)

With Radio ON, press **"V+"** and **"V-"** simultaneously for 2 seconds

## 8. TROUBLESHOOTING

<b>Reboot</b>	If your <b>scala rider</b> stops responding, reset it by turning it off and then on again (press <b>"IC"</b> for 2 seconds).
<b>Reset Pairing</b> (Deletes all paired devices)	<ol style="list-style-type: none"> <li>1. In Standby, press <b>"V+"</b> for 5 secs until LED flashes RED/BLUE.</li> <li>2. Press <b>"MM"</b> for 2 seconds until LED flashes 5 times in PURPLE.</li> </ol>

## 9. SUPPORT

For additional information:



[www.cardosystems.com](http://www.cardosystems.com)



[support@cardosystems.com](mailto:support@cardosystems.com)



USA and Canada: 1-800-488-0363  
International: +49 89 450 36819

### IMPORTANT

MULTINATIONAL E-COMMERCE COMPANIES AND ONLINE AUCTION WEBSITES ARE NOT AUTHORIZED TO SELL CARDO PRODUCTS AND PURCHASES FROM SUCH SITES ARE AT YOUR OWN RISK. TO RECEIVE WARRANTY OR CUSTOMER SERVICE, YOU MUST SUBMIT ORIGINAL RECEIPTS FROM AUTHORIZED CARDO DEALERS.

PRODUCTS THAT WERE IMPORTED FROM NORTH AMERICA MUST BE SERVICED IN THE USA.

## 10. NOTICES

### Federal Communications Commission (FCC) Statement

#### 15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

#### 15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

#### FCC RF Radiation Exposure Statement:

This equipment complies with FCC/“IC” radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC/“IC” multi-transmitter product procedures.

#### Industry Canada (IC)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

#### IC RF Radiation Exposure Statement:

This equipment complies with the RSS-102 exemption from routine RF exposure evaluation for use in an uncontrolled environment.

#### European CE Notice

Your Cardo product (the “Product”) is in conformity with the following essential requirements of Council Directive 1999/5/EC (referred to as R&TTE Directive): Articles 3.1a, 3.1.b and 3.2. The Product is manufactured in accordance with Annex II of the above directive.

#### Declaration of Conformity (DOC)

The Product is compliant with and adopts the *Bluetooth*® Specification 3.0 and has successfully passed all interoperability tests that are specified in the *Bluetooth*® specification. However, interoperability between the device and other *Bluetooth*®-enabled products is not guaranteed.

#### Copyright

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## IMPORTANT SAFETY AND WARRANTY INFORMATION – WAIVER AND GENERAL RELEASE

#### WARNING:

Cardo Systems Inc., (“Cardo” or the “Company”) notifies you that your complete and undivided attention is required when using a communication device (the “Product”) while riding. Failure to avoid potentially hazardous situations could result in accident resulting in serious injury or death.

Cardo advises you to take all necessary precautions and remain alert to the traffic, weather and all road conditions. It is best to stop away from traffic prior to activating or deactivating the Product or initiating or receiving any calls.

Do not perform pairing, linking or similar operations while riding. All publications are intended to address technical capabilities and should not be construed as encouraging the operation of Cardo's Products in any manner that is unsafe or prohibited by law.



Exercise all due caution while using this Product and obey all applicable traffic laws. Always ride and use the Product in a safe manner. Do not become distracted by the Product while riding on a vehicle. When riding, always consider road, traffic, terrain and other conditions to maximize safety. Do not operate the Product if it becomes unsafe to do so.

In some regions or states, the use of mobile communications systems is prohibited or restricted. Check all laws and regulations that apply to your region before using the Product and be mindful that compliance with all laws and regulations is the user's responsibility. Use the Product in motion only where and in the manner that such devices are permitted by applicable law. The Product should not be used in contravention of local, state or federal laws and regulations. Please check federal, state and local laws and regulations before using your Cardo Product.

No part of the body should come in contact with the antenna during operation of the equipment. Use Product only where safe, and avoid usage at gas stations, fuel depots or around explosives. Use with hearing aids and medical devices only after consulting a physician or specialist. Make sure to install and mount the Product in a stable manner.

## HEALTH WARNINGS:

### Hearing Loss

Audio devices can cause hearing loss. Employ care and avoid exposure to excessive volume levels that may damage or impair hearing or lead to hearing loss. Permanent hearing loss may occur if Products are used at high volume for prolonged periods of time.

### RF Signals

Most electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals emanating from your wireless equipment.

### Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of about six inches (or 16 cm) to be maintained between a mobile phone or wireless device and a pacemaker to avoid potential interference with the pacemaker. Be sure not to interfere with the functionality of personal medical devices.

### Hearing Aids

Some devices may interfere with certain hearing aids. In the event of such interference, you should consult your hearing aid manufacturer to discuss alternatives.

### Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device and/ or your physician to determine if it is adequately shielded from interference caused by external RF energy. Your physician may be able to assist you in obtaining this information.

## LIMITED WARRANTY

Subject to the applicable laws and regulations in your jurisdiction, your Product is covered by a **Two-Year** limited product warranty from the date of original purchase. Please retain the retail sales receipt and your registration data for proof of purchase.

Subject to the aforementioned, Cardo hereby represents that this Product is warranted to be free from defects in materials or workmanship (proof of purchase and registration required). Within the subject period, Cardo will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacements will be made at no charge to the customer for parts or labor, provided that the customer shall be responsible for any shipping cost. This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

This Product is intended to be used only as a communication and entertainment device and should not be used in any location or jurisdiction where its use is prohibited.

The warranties and remedies contained herein are exclusive and in lieu of all other warranties express, implied or statutory, including any liability arising under any warranty of merchantability or fitness for a particular purpose, statutory or otherwise that Cardo specifically disclaims. This warranty gives you specific legal rights which may vary from state to state or from jurisdiction to jurisdiction. Cardo makes no other warranties express or implied beyond those stated specifically herein. This warranty is extended by Cardo solely to the original purchaser and is not assignable or transferable to others. Cardo assumes no obligation or liability for additions or modifications to this warranty unless made in writing and signed by an officer of the company.

Batteries are warranted only if the battery capacity falls below 50% of rated capacity or if the battery develops leakage.

**IMPORTANT:** Do not store your Product without charging it from time to time for periods in excess of six months, as this may cause irreversible damage to the capacity of your battery. Your warranty will not cover such events.

**This warranty also becomes void if:**

- a. any of the seals on the case or battery are broken or Product or battery show signs of tampering,
- b. the battery is used in equipment other than the equipment for which it was intended.
- c. the Product is used in contravention of its intended purpose
- d. the Product was purchased from online auctions

Cardo assumes no responsibility resulting from the use of non-Cardo components or products in conjunction with its Products, and specifically the use of third party chargers or *Bluetooth®* devices. Furthermore, Cardo is not responsible for any damage to any part of the Product resulting from the use of ancillary equipment not furnished by Cardo which is attached to or used in connection with the Product.

## Not covered by the warranty:

1. Defects or damage resulting from the use of this Product in other than its normal and customary manner.
2. Defects or damage from misuse, accident or neglect.
3. Defects caused by improper operation, maintenance, installation, adjustment or modification of any kind (incl. long-term storage without periodic charging of the battery).
4. Products opened, disassembled or repaired by non-authorized parties.
5. Defects or damage due to exposure to excessive temperatures, adverse weather conditions, external impacts or spills of food or liquid.
6. All plastic surfaces and all other externally exposed parts that are scratched or damaged after purchase.

## Disclaimer of Warranty

The device and its accessories are provided "as is" and "as available" without warranty of any kind beyond those assumed in the enclosed manual.

## LIMITATION OF LIABILITY

In no event shall Cardo be liable for any incidental, special, indirect, punitive, exemplary or consequential damages, whether resulting from the use, misuse, or inability to use this product or from defects in the product, or for any damages whatsoever resulting from the use of the product, whether based on breach of contract, tort (including negligence), product liability or otherwise even if advised of the possibility of such damages. You acknowledge and agree that the limitations set forth above are fundamental elements of this agreement to which you consent and without which the product would not be provided to you absent such limitations. Some states do not allow certain exclusions of incidental or consequential damages, so the above limitations may not apply to you.

Cardo retains the exclusive right to repair or replace (with a new or newly-refurbished replacement Product) the device or software or give a refund of the purchase price at its sole discretion. SUCH REMEDY SHALL BE YOUR SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY.

## Warranty Service

To obtain warranty service, your Product must be registered. Register online at: [www.cardosystems.com/registration](http://www.cardosystems.com/registration). Please present the Product, along with your registration number, bill of sale (receipt) at any authorized Service Center or at the store from which you have purchased the Product.

To obtain warranty service, contact Cardo's product support and obtain an RMA tracking number, or contact your local Cardo authorized dealer. Ship securely with a copy of the original sales receipt

which is required as proof of purchase for warranty repairs. The RMA tracking number should be written on the outside of the package. Send the Product freight charges prepaid, to the Cardo address as directed by Cardo.

**Online Auction Purchases:** Online auction confirmations are not accepted for warranty verification. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required. Cardo will not replace missing components from online auction sites.

**Other manufacturers:** Cardo is not responsible for and expressly disclaims any responsibility for how Cardo Products are used or misused arising out of use with products, services or information of other vendors.

## WAIVER AND GENERAL RELEASE

By using the Product, you will waive substantial legal rights including the right to sue. Please read the following carefully before using the Product.

By using the Product, you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys fees) and holding Cardo harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Product under any circumstances or conditions and irrespective of jurisdiction.

1. You, your heirs, legal representatives, successors or assigns, hereby voluntarily and forever release, discharge, indemnify and hold harmless Cardo from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Product for any distress, pain, suffering, discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.
2. You fully understand and assume the risks in using the Product, including risk of negligent acts or omissions by others. All risks for operating the Product are assumed solely by the user of the Product.
3. You confirm that you are physically capable to use the Product and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You further confirm that you will not consume any alcohol that may affect your alertness or any mind-altering substance, and will not carry, use or consume these substances before or during the use of the Product.
4. You fully acknowledge our warnings and understand that:
  - (a) risks exist in using the Product while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability;

(b) these risks may be caused by the negligence of the manufacturers or its agents or any third party involved in the Product;

(c) these risks and dangers may arise from foreseeable or unforeseeable causes.

You hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of others, including Cardo.

5. By using the Product, you confirm that you have read this release of liability and fully understand and accept its terms and conditions.

**[www.cardosystems.com](http://www.cardosystems.com)**