

scala-rider

User Manual

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1 Introduction

Congratulations and thank you for purchasing the **scala-rider™** Bluetooth headset for motorcycle helmets. Now you can wear your helmet while talking hands-free on your Bluetooth enabled mobile phone, made possible by the short-range wireless connection between your cell phone and the scala-rider headset. If you are using a standard non-Bluetooth mobile phone, you can still enjoy the headset's advantages by connecting our BT Adapter to your mobile phone (*purchased separately*).

The scala-rider headset is compatible with the latest Bluetooth v1.2 specifications, as well as the earlier Bluetooth v1.1 specifications.

Please read and familiarize yourself with all the instructions, components and controls of your scala-rider headset prior to first use.

We wish you a great **scala-rider** experience.

2 Waiver and General Release

By using the scala-rider you will waive substantial legal rights including the right to sue. Please read the following carefully before deciding to open the retail package and using the Device. If you do not accept the terms of this agreement, you should immediately return the product for a full refund. By opening the package you agree to be bound to this agreement and forfeit the right for a full refund.

Using any tool or device including but not limited to situations such as riding a motorcycle, scooter, moped, ATV, quad-bike or any other vehicle, whether on land, water or air (jointly referred to as "Vehicle") requires your complete undivided attention. Cardo Systems, Inc., including its Officers, Directors, Affiliates, Parent Company, Representatives, Agents, Contractors, Sponsors, Employees, Suppliers and Resellers (jointly referred to as the "Company" or "Cardo") strongly advises you to take all necessary precautions and remain alert to the traffic, weather and road conditions when using the scala-rider headset, including all derivative models irrespective of its commercial name or branding (the "Device"), and stop your Vehicle on the roadside prior to initiating or receiving calls or listening to the radio that is provided by a particular model of the Device. Any publications, advertisements, announcements or similar notes that refer to using the Device while riding a Vehicle are solely intended to address its technical capabilities and should not be misconstrued as if encouraging users to using it while actively involved in traffic.

By way of purchasing this Device and not returning it for a full refund (see below), you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys' reasonable 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 assets that belong to you or third parties, any of which may result from using the Device under any circumstances or conditions and irrespective of jurisdiction. Cardo will not be responsible for any physical damages, irrespective of reasons, conditions or circumstances, including malfunctioning of the Device, and all risks associated with the using it rest solely and entirely with the user of this Device, irrespective of whether the Device is used by the original purchaser or any third party.

Cardo hereby notifies you that using this Device may also be in contravention to local, federal, state or national laws or regulations, and that any use of the Device is entirely at your sole risk and responsibility.

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 Device 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 **usto** the fullest extent permitted by law.
2. You fully understand and assume the risks in using the Device, including risk of negligent acts or omissions by others and accept the terms and conditions upon which you have chosen to use it.
3. You confirm that you are physically capable to use the Device and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You confirm that you are at least eighteen (18) years of age and that you have been advised of the risks associated with the use of the Device. 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 Device.
4. You fully acknowledge our warnings and understand that: (a) risks and dangers exist in using the Device while in traffic, incl. but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability; (c) these risks and dangers may be caused by the negligence of the manufacturers or its agents or any third party involved in designing the Device; (d) 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 the Company.
5. You confirm that you have read this release of liability and fully understand its terms and that you have given up substantial rights by not returning the Device for a full refund (see refund option below).

Disclaimer of Warranty

CARDO DISCLAIMS ALL EXPRESS AND IMPLIED WARRANTIES WITH REGARD TO THE ENCLOSED DEVICE, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. THE DEVICE AND ITS ACCESSORIES ARE PROVIDED "AS IS" AND "AS AVAILABLE" WITHOUT WARRANTY OF ANY KIND BETOND THOSE ASSUMED IN THE ENCLOSED MANUAL.

Limitation of Liability

IN NO EVENT SHALL CARDO BE LIABLE FOR ANY SPECIAL, INDIRECT, PUNITIVE, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM THE USE OF THE DEVICE, 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 AND THE DEVICE WOULD NOT BE PROVIDED TO YOU ABSENT SUCH LIMITATIONS. SOME STATE STATUTES MIGHT APPLY REGARDING LIMITATION OF LIABILITY.

RETURN FOR FULL REFUND

IF YOU ARE UNWILLING TO ACCEPT AND AGREE TO THE ABOVE CONDITIONS, YOU MAY RETURN THIS DEVICE TO CARDO FOR A FULL REFUND, PROVIDED THAT YOU DO SO NO LATER THAN 7 BUSINESS DAYS FOLLOWING THE PURCHASE OF THE DEVICE (*proof of purchase required*) AND SUBJECT TO THE WRAPPING BEING INTACT. WHEN DOING SO, PLEASE REFER TO THIS SECTION.

BY NOT RETURNING THE DEVICE FOR REFUND WITHIN THE PERIOD PROVIDED, YOU ARE EXPLICITELY IN AGREEMENT WITH THE ABOVE, AND RENOUNCE ALL RIGHTS TO FUTURE CLAIMS AND DEMANDS AGAINST CARDO AS DEFINED ABOVE.

3 Retail Package Contents.

Your retail package contains the following items:

- Headset
- Clamp
- Remote control
- Big microphone sponge
- small microphone sponge
- plastic extension for the helmet unit
- Allen wrench
- Wall Charger (universal travel version)
- CD-Manual & Quick Guide
- Warranty + Registration Card

Headset



Clamp



Quick guide and multilingual
manual on mini-VD



Wall Charger



Remote Control



Big sponge



Small sponge



Allen wrench



4 Before using the headset

Read and familiarize yourself with all instructions, components and controls of your scala-rider headset prior to first use.

CTRL (control button) –
Press on the logo.

- Accept/initiate calls
End/Reject calls
- Power ON/OFF

Radio button –

- Radio ON/OFF
- Changing radio stations

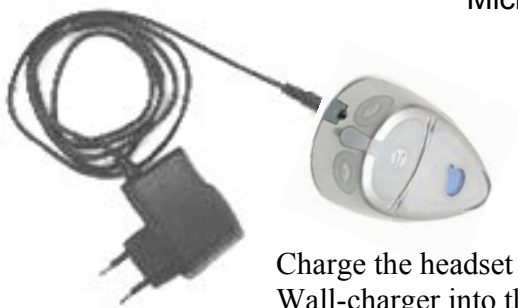


Volume down button –
Press to decrease the
volume

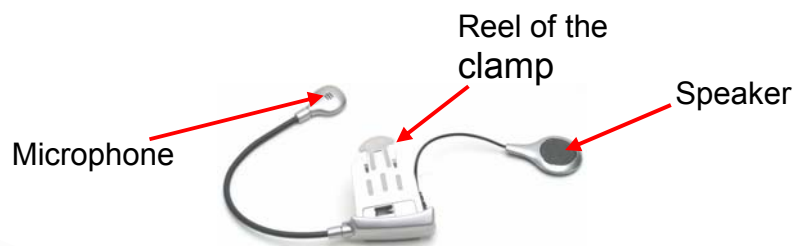
Volume Up button –
Press to increase the
volume



Charging socket



Charge the headset by inserting the
Wall-charger into the charging socket



4.1 Charging Batteries

Make sure the headset is fully charged prior to initial use. Allow at least six hours for a full charge before using for the first time.

Normally 5-6 hours will suffice for complete charge. The headset should be off the helmet when being charged (solely for purposes of convenience)

- Plug the Wall Charger into the charging socket of the headset and connect it to an electrical outlet.
- The Red Light Indicator (LED) on the scala-rider will turn on when charging begins. Allow the headset to charge until the Red LED turns off.
- When charging is complete, release the headset from the charger.

NOTE: You may leave the unit connected even if charging is completed. There is no danger of over-charging.

4.2 Attaching and removing the scala-rider from your helmet

4.2.1 First installation

Once the headset is fully charged you should proceed to **pair** it to your mobile phone (see section 5 below). When done, you can proceed with attaching the unit to your helmet.

- The clamp serves as the base-cradle for the headset and must be attached to your helmet before using the headset
- Use the enclosed Allen wrench to loosen the two screws of the clamp (FIG. 1). Then slide the back-plate of the clamp between the internal padding and the external shell of the helmet (FIG. 2).
- Before fastening the screws, make sure to adjust the clamp's location to an ideal position, i.e. to the spot where the attached speaker and microphone are respectively opposite your ear and just slightly off the corner of your mouth (FIG. 3). You may need to re-position the clamp repeatedly until you identify the ideal spot. The speaker can be easily placed into position and removed by means of the Velcro layer that attaches to the inner padding of your helmet.
- Once you have identified the ideal position for the clamp, use the Allen wrench to fasten the clamp.
- Now slide the scala-rider headset downward along the reel of the clamp (FIG. 4) until a light clicking sound indicates that the headset has reached its proper operational position.

- Turn on the headset by pressing and holding CTRL for at least 6 seconds until the Blue LED flashes three times and an ascending alert tone is heard. Quickly release the button.
- You are ready to go!



microphone should be placed just slightly off the corner of your mouth



4.2.2 Removing the headset from the helmet.

The clamp usually stays attached to the helmet, but you can also easily remove it by proceeding in the reverse order of the attachment procedure (see 4.2.1 above)

- To remove the headset from the clamp, press your finger firmly against the arched tip of the back-plate (FIG. 5) and use the other hand to slide the headset upwards along the reel (FIG. 5)



Press here and
than slide the
headset unit up.

4.2.3 Re-attaching the headset to the helmet.

- To re-attach the headset, simply slide it downwards along the reel of the clamp (FIG. 4) until a light clicking sound indicates that the headset has reached its proper operational position.

5 Getting Started with the scala-rider headset

IMPORTANT

Before you can use your headset for the first time, the **pairing** process between your headset and mobile phone must be completed. Pairing is the required process of mutual recognition between your headset and mobile phone. Please note: Your headset will not work prior to successful completion of the pairing process!

5.1 Pairing process

- 5.1.1 Turn on the phone and make sure its Bluetooth function is activated.
- 5.1.2 Press and hold the CTRL button for six seconds until the red and blue LEDs begin flashing rapidly alternating.
- 5.1.3 On your Bluetooth phone, search for Bluetooth devices by following your phone's instructions. Usually this is done by selecting the *Search* or *Discover* option in the Bluetooth or Connection menu. Refer to your phone's manual for detailed instructions on how to pair your specific phone.
- 5.1.4 After a few seconds of searching, your phone will list the "scala-rider" as a discovered device. Select it, and when asked, follow your phone's instructions to accept pairing.
- 5.1.5 When prompted by your phone, enter 0000 (4 zeros) as your PIN or passkey.
- 5.1.6 Your phone will confirm when pairing has been successfully completed.

NOTE: If pairing is not completed within two minutes, the headset will return to Standby mode (flashing Blue every 3 seconds). To pair again, turn off the headset by pressing and holding the CTRL button until the red led flashes three times and repeat the process as shown above (5.1).

Congratulations! You have now successfully completed your Bluetooth pairing process and are able to use your scala-rider™ headset with your mobile phone. From now on, when using your headset, you will no longer need to pair the headset to the phone. The two devices will remain paired until you delete that pairing from the phone.

5.2 Power On/Off

To **turn ON**, press and hold the CTRL button for at least 6 seconds until the Blue LED flashes three times and an ascending alert tone is heard. Quickly release the button.

To **turn OFF** the headset, press and hold the CTRL button for at least 3 seconds until the Red LED flashes three times and an alert tone is heard.

5.3 Renewed Pairing

If you wish to use different phone or in case you need to repeat the pairing process for any other reason, please proceed as follows:

6.3.1 Turn the headset off.

6.3.2 Press the CTRL button for 10 seconds until the red and blue LEDs begin flashing rapidly alternating.

6.3.3 Follow sections 5.1.3 to 5.1.6 above

5.4 Reconnecting the scala-rider headset to a paired phone

Although you may have previously paired your headset to your phone, each time you turn one of them off, some phones require that you re-establish the connection.

Reconnecting may also be necessary when your headset and phone have lost the radio signal because the distance between them has exceeded 30 feet or 10 meters. After you have turned on your mobile phone, there are several methods to reestablish the connection:

- Turning the headset on should reconnect it automatically to the phone.
- With some mobile phones you need to reestablish the link to your headset by using your phone's menu. Please refer to your mobile phone's manual for operating instructions.
- Assuming your mobile phone features voice activation, tap the CTRL button on your scala-rider headset. This will activate your voice dial function on the phone, indicating that the connection is established.
- Do nothing. Once a call is received, answer by pressing the CTRL button.

6 Handling Calls

NOTE: *Certain advanced features of the scala-rider are only accessible to phones equipped with the **hands-free** profile. Please check if your phone supports both the **headset** and the **hands-free** profile.*

6.1 Initiating calls by using your phone's keypad

- a. Dial the phone number on your phone's keypad.
- b. Press "Talk" or "Send" on your phone to dial the number.

6.2 Voice Dialing

While your phone is ON but no call is in progress, tap the CTRL button, which will be followed by a tone. Now pronounce the name of the party you wish to call and wait for feedback from the phone. The type of feedback depends on your phone.

To improve voice tag recognition, use the headset to record voice tags on your phone (if possible).

6.3 Answering Calls (including *Special Voice Recognition*)

The ringtone for incoming calls increases gradually. When hearing the ring tone (on the headset), there are two ways you can answer the call:

- Tap the CTRL button on your headset once (FIG. 6)
- If the Voice Recognition (VR) feature is, you have 7 seconds available to utter any word of your choice in order to accept the call. If you remain silent for 7 seconds the call will be automatically rejected and the ringing will stop.

6.4 Terminating Calls

To terminate a call, tap the CTRL button, followed by a tone confirming the termination. If the other party terminates the call first, you don't have to do anything.

Wait at least three seconds before pressing the CTRL button again to start voice dialing.

Tap here to terminate
the call



FIG. 7

6.5 Volume Control

The scala-rider headset comes equipped with AGC technology to automatically adjust itself to the optimal speaker volume. Its embedded sensors continuously measure the ambient noise and driving speed to make manual adjustment of the volume buttons unnecessary.

You can override the automatic volume adjustment anytime by manual control of the volume buttons one step at a time (FIG. 8). For each step of adjustment, you will hear a short beep.

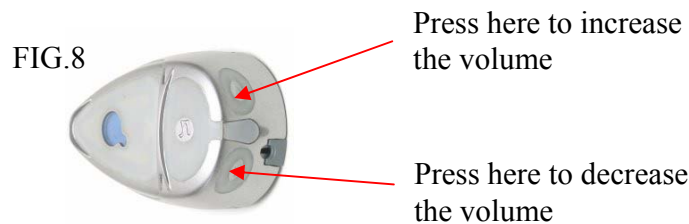


FIG.8

6.6 Call Reject

While you hear the ring tone on the headset, there are two ways you can reject the call:

- Press the CTRL button on your headset for three seconds to reject the call (FIG. 9).
- Assuming the VR feature is enabled (see section 7 below), remain silent for 7 seconds to reject the incoming call.

Tap here to reject the call



FIG. 9

7 Voice Recognition feature

The VR feature allows you to answer or reject the call without removing your hands from the handlebars.

The default mode of this feature is OFF

To activate the VR feature please refer to section 7.1 below.

7.1 Enable/Disable the Voice Recognition feature

Press the Volume Up and Volume Down buttons simultaneously for 3 seconds to activate / deactivate the VR feature. You will hear a brief tone confirming the change each time you switch ON/OFF modes.

FIG.10



Press both buttons for 3 seconds to enable/disable the VR feature

7.2 Answering calls using Voice Recognition

When hearing the ring tone of an incoming call through the headset speaker, you have 7 seconds available to utter any word of your choice in order to accept the call.

7.3 Rejecting calls using Voice Recognition

When hearing the ring tone of an incoming call through the headset speaker, remain silent during the next 7 seconds in order to reject the call and cause the ringing to cease.

8 Operating the Radio

The scala-rider enables you to listen to FM radio while you do not use the headset for a phone conversation.

While listening to the radio, you do not have to worry about missing phone calls, as the scala-rider automatically switches to Bluetooth headset operation when the phone rings or when you decide to initiate a call. When the conversation is over, the scala-rider automatically returns to radio mode.

8.1 Turning the radio on/off

8.1.1 Turn the radio on

While no call is on the headset, press and hold the Radio button on your headset for three seconds to turn on the radio. The radio turns on set to the last radio station you were listening to.

8.1.2 Turn the radio off

While the radio is turned on and no call is in progress, press and hold the Radio button for three seconds to turn the radio off.

8.2 Switching preset radio station

There are 6 pre-set radio stations available on your headset.

While the radio is on, tap the Radio button to cycle between saved stations.

8.3 Searching for and saving a new radio station

8.3.1 Enter search mode

While the radio is on, press and hold for 3 seconds the Volume Up or Volume Down button on your headset to start searching.

Pressing Volume Up will search upwards (higher frequency) and pressing Volume Down will search downwards (lower frequency). Once the radio finds a station it will stop and you will be able to hear this station.

To save this station refer to section 8.3.2.

To continue searching, press the Volume Up/Volume Down again for three seconds.

Within 20 seconds of finding a station, if you don't save the station and don't search for another station the radio will exit search mode without saving the current station. You can still continue listen to the current unsaved station. Pressing the Radio button in this case will move to the next saved station.

8.3.2 Saving radio station

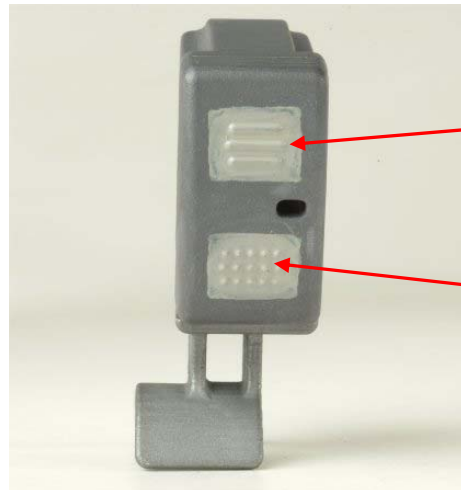
Before searching for a station to save, tap the Radio button until you find the station you want to replace.

When you find a radio station you want to save by searching as describes in section [8.3.1, tap the Radio button to save the current station.

9 Operating the remote control

The remote control has two buttons which can be easily operated by a short movement of the left hand finger.

1. CTRL_RC.
2. Radio_RC.



CTRL_RC-
Accept/ terminate calls
Voice dial

Radio_RC-
Radio ON/OFF
Changing radio stations

9.1 CTRL_RC button usage

9.1.1 Power Off

While your phone is ON but no call is in progress, press the CTRL_RC button for 3 seconds. You will hear a descending tone as the headset turns OFF. This will turn off the headset and the radio. In order to turn ON the headset you must use the CTRL button on the headset itself.

9.1.2 Initiate voice dial

While your phone is ON but no call is in progress, tap the CTRL_RC button. Wait for a sound and speak the name of the party you wish to call and wait for feedback from the phone. The type of feedback depends on your phone.

9.1.3 Answering Calls

When you hear the ring tone either on the headset or on the phone, tap the CTRL_RC to answer the call.

9.1.4 Terminating Calls

To terminate a call, tap the CTRL_RC button, followed by a tone, which confirms the termination. Wait at least three seconds before pressing again the CTRL button to activate voice dial.

9.1.5 Rejecting Calls

When you hear the ring tone on the headset, press and hold CTRL_RC for three seconds on your remote control to reject the call.

9.2 Radio_RC button usage

9.2.1 Power ON/OFF

While no call on headset, press and hold the Radio_RC for three seconds to turn the radio ON or OFF.

9.2.2 Change radio station

Tap the Radio_RC button to change the radio station to the next saved station.

9.2.3 Search radio station

Searching is not possible using the Remote Control. Use the headset Radio button perform search.

9.3 Remote control functionality table

Feature	Headset status	Headset buttons	Remote control buttons
Power on	Off	CTRL (six seconds)	
Power off	On	CTRL (three seconds)	
Voice dial	Standby	CTRL (short)	CTRL_RC (short)
Answer calls	Standby	CTRL (short)	CTRL_RC (short)
Terminate calls	On call	CTRL (short)	CTRL_RC (three seconds)
Reject calls	Ringing	CTRL (three seconds)	CTRL_RC (three seconds)
Radio on/off	Standby	Radio (three seconds)	Radio_RC (Three seconds)
Change radio station	Radio on	Radio (short)	Radio_RC (Short)

10 Light and Sound Signals

LED indication	Audio Feedback	Status
Triple blue flash	ascending tone (low-high)	headset being turned on
Triple red flash	descending tone (high-low)	headset being turned off
Single blue flash every 3 seconds		STANDBY: Not on a call
Double blue flash every 3 seconds		ACTIVE: On a call or initiating a connection.
Rapid red-blue alternating flash		PAIRING MODE
Single red flash every 3 seconds	Low bat beep	Low battery while in STANDBY
Double red flash every 3 seconds	Low bat beep	Low battery while a call in progress
Steady red		CHARGING
Steady red turns off		FULLY CHARGED
None	High Tone	Toggle VR feature (On/Off)

11 FAQs

What is the Cardo *scala-rider*™ headset?

The scala-rider™ wireless Headset is a comfortable, stylish and easy to use accessory to a Bluetooth™ mobile phone or smart-PDA when traveling on a motorcycle that enables you to hear and speak without holding your mobile phone near to your ear.

Do I need an Adapter if I already have a Bluetooth™ enabled cell phone?

No. Your scala-rider™ device communicates with virtually every Bluetooth™ phone.

How does the *scala-rider*™ Headset work?

Once, the scala-rider™ Headset is “paired” to your Bluetooth™ enabled mobile phone, the two devices communicate wirelessly using Bluetooth™ technology.

If I want to keep my non-Bluetooth™ mobile phone, can I still use the *scala-rider*™ with my mobile phone?

You can hold on to your non-Bluetooth™ mobile phone and still enjoy the benefits of the Headset, if you also purchase the scala Bluetooth™ Adapter. The BT Adapter plugs directly into the headset jack of most non-Bluetooth™ phones, thereby enabling that phone to communicate wirelessly with your headset.

Is the battery removable?

The battery is not removable and you should never try to open the Headset. Let only Authorized Service Centers maintain or service your device. Please refer to our website for instructions at the end of your battery life.

What if have trouble hearing?

The scala-rider™ headset comes with volume control, adjustable to suit your preferred volume level.

What if I need more help?

Please access our website at: www.cardowireless.com/

Do I need to turn my headset off or leave it on when it is recharging?

Your headset may stay on or off during the charging process, according to

your preference.

When I turn on my cell phone, do I need to pair or link my cell phone and headset again?

Once your mobile phone and headset are paired, you will not have to pair it again. You will only need to implement the simple steps of reconnecting your phone and headset each time either or both are turned off or have moved more than approximately 30 feet (10 meters) apart from each other. Please refer to section 5.4 for further details.

Will other Bluetooth™ phones interfere with my scala-rider™ headset?
Can they eavesdrop?

No. Once you are paired, your identity is known only to the mobile phone you use and no other Bluetooth™ phone can hear your audio signals.

Can the headset cause interference with my car radio?

No, the Bluetooth™ standard does not interfere with car radios.

Can I wear scala-rider™ in the rain?

Yes, the scala-rider is waterproof.

12 Limited warranty

Your scala-rider™ headset is covered with a One-Year Limited product warranty from the date of original purchase. Please retain the retail sales receipt and your registration data for proof of purchase.

What this limited warranty covers and for how long

Cardo Systems, Inc. (the “Company” or “Cardo”) warrants the *scala-rider*™ headset and charger against defects in material and workmanship under normal use and service for a period of one (1) year from date of purchase (proof of purchase and registration required). The Company at its sole discretion, will at no charge either repair, replace or refund the purchase price of the product to the original purchaser during the warranty period, provided the product has not been damaged or tampered with and has been returned in accordance with the terms of this warranty to an authorized Company Repair Center. Repair, at the Company’s option, may include the replacement of parts, boards or batteries with functionally equivalent reconditioned or new parts.

Warranty Conditions

This express limited warranty is extended by Cardo Systems, Inc. solely to the original purchaser and is not assignable or transferable to others. This is the complete warranty for your scala-rider™ headset and charger. The Company 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 70% of rated capacity or if the battery develops leakage.

This warranty becomes void if:

- a. any of the seals on the case or battery are broken or device or battery show signs of tampering.
- b. The battery is used in equipment other than the equipment for which it was intended.

The Company disclaims all responsibility for any equipment not furnished by Cardo Systems Inc., which is attached to or used in connection with the scala-rider™ headset. Furthermore, the Company is not responsible for any damage to any part of the scala-rider™ headset resulting from the use of ancillary equipment not furnished by the Company for use with the Product.

What this warranty does not cover

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.
4. Products opened, disassembled or repaired non-authorized parties.
5. Defects or damage due to exposure to excessive temperatures, adverse weather conditions, external impacts or spills of solid or liquid substances.
6. All plastic surfaces and all other externally exposed parts that are scratched or damaged after purchase.

Warranty Service

To receive warranty service, your product must be registered. Fax the attached registration card to the numbers listed on the card, or register online at: <http://www.cardowireless.com/registration.php> For services, 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. Returns to the Company pursuant to the limited warranty can only be accepted with a Return Authorization number obtained from Cardo's customer service department.

General Provisions

This warranty is given in lieu of all other express or implied warranties, including without limitation, implied warranties of merchantability and fitness for a particular purpose. Cardo's obligations under this section are limited to the duration of this limited warranty.

- a. Certain limited-life components that are subject to normal wear and tear, such as eyeglass clips, ear clips, decorative finishes, batteries, panels, cradles, or other accessories, are exempt from any warranty.

b. Cardo is not liable for any incidental or consequential damages arising from the use or misuse of any of the Company's products.

c. The user should never attempt to perform service, adjustments or repairs of the Product by him/herself. Doing so will void all warranties. During the term of the warranty, all products must be returned to the point of purchase or the authorized service center for all necessary work.

d. The Company is not responsible for any loss or damage incurred during shipping. All repair work on scala-rider™ products by parties not explicitly authorized by the Company will void any and all warranties.

e. The information in this Manual is furnished strictly for informational purposes and is subject to change without notice. Cardo assumes no liability or responsibility for any errors or inaccuracies that may appear in this Manual or the Quick Guide.

NOTE: Look for appropriate displays to verify that you are being serviced by an Authorized Cardo Dealer or Service Center. Cardo Systems, Inc. retains the right to amend and change its products, manuals and specifications at any time without notice.

13 Troubleshooting

Problem

Pairing fails

Action:

1. Delete scala-rider from your paired device list in your phone (if it is listed)
2. Turn off the mobile phone and headset
3. Take out the battery of the phone (some phones have shown problems with pairing that are solved only if the battery is temporarily unplugged)
4. Repeat the pairing process as shown in section 5.2.

Problem

Can't answer phone calls or perform voice dialing

Action (assuming your mobile phone supports this feature)

1. Make sure your scala-rider™ headset is turned ON and in standby mode while the blue light indicator flashes slowly. נקודתיים
2. Verify that the Bluetooth function on your phone is set to ON.
3. Verify that the scala-rider™ headset is the correctly paired Headset to your mobile phone (refer to phone manual)
4. Link the headset to the phone as described above
5. Check Definitions or Settings on your mobile phone.
6. Perform pairing process and check again.

Problem

Battery does not provide at least five hours talk time.

Action

Make sure your scala-rider™ Headset is fully charged. Charging time is up to 6 hours for an empty battery. When fully charged and charger is connected to Headset, the red light indicator turns off.

Problem

Red LED does not light steady when charger is connected.

Action

1. Make sure DC jack is firmly plugged in
2. Disconnect DC jack, wait a few seconds and plug it back in.
3. If the scala-rider TM Headset is fully charged the red light turns off.

Problem

Bad sound quality

Action

1. Possibly caused by nearby interference
2. If you have a GSM phone and your headset is too close to phone, noises may be heard
3. Headset and mobile phone are more than 30ft (10m) apart or there are major obstacles between headset and mobile phone (e.g. concrete walls or similar).

Problem

Sound deteriorates when the phone is in my back pocket.

Action

Some mobile phones emit weaker Bluetooth signals than others, resulting in reduced sound quality, especially when the phone is close to your body.

Suggestion: Move the phone to your breast pocket or at least to a front pocket on the same side you wear your headset.

14 FCC notice

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the User's authority to operate the equipment. Use only approved batteries and chargers. This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates 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.

Your **scala-rider™** headset is designed to operate at the maximum strength allowed by the FCC. This means that your headset and or base unit can communicate only over a certain distance subject on the location of the cell phone, base unit and headset, your vehicle, the construction and layout of your home or office. Weather conditions can also affect performance.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

15 Technical Specification

Technology:	Compliant with Bluetooth™ ver 1.1 / 1.2
Maximum power:	2.5 dbm
Maximum link distance:	30 feet or 10 meters
Typical talk time:	up to 6 hours
Typical standby time:	up to 6 days
Typical charging time:	6 hours
Power Source:	Rechargeable Lithium Polymer battery
Weight:	1.12 oz or 33 g (without the clamp).
Approvals:	FCC Part 15, CE, Bluetooth™
Wind blocking:	Up to 16km/h (10miles/h)

*Note: Design and specifications are subject to change without notice.
Your rated standby-time is subject to the amount of talk-time used.*

ALERTE

Risque d'explosion si la batterie est remplacée par un model qui ne convient pas. Il faut traiter les batteries usées selon les instructions.

NOTE: 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.

16 European CE Notice**Certification and Safety Approvals/ General Information**

This product is CE marked according to the provisions of the R & TTE Directive (99/5/EC). Hereby Cardo Systems, Inc. declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For further information please visit <http://www.cardowireless.com>

Please note that this product uses radio frequency bands not harmonized within the European Union ("EU"). Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, The United Kingdom and within EFTA in Iceland, Norway and Switzerland.

Users are not permitted to make changes or modify the device in any way. Changes or modifications not expressly approved by Cardo will void the users authority to operate the equipment.

17 Contact Information

Cardo Systems, Inc.,
100 High Tower Blvd., Pittsburgh, PA. 15205 (USA)
North America: Call toll-free: 1 800 488-0363
or 412 788-4533, Fax: 412 788-0270
International: Call +49 89 450 36-819, Fax: +49 89 404-817

18 Service

North America: Call toll-free: 1 800 488-0363 or 412 788-4533
International: Call +49 89 450 36-819

Service is provided under limited warranty. Cardo Systems, Inc. will only accept devices returned in compliance with our Warranty Provisions and submitted with a Return Authorization Number issued by a Cardo authorized service department. The Company retains the right to return all shipments not in compliance with our Warranty Provisions.

19 Patent, Copyright, Trademark Information

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