

scala-rider FM™



USER GUIDE



TABLE OF CONTENTS

1. INTRODUCTION	4
FEATURES	5
DEFINITIONS	6
2. SAFETY	6
INTERFERENCE WITH OTHER DEVICES	9
Pacemakers	9
Hearing Aids	9
Other Medical Devices	9
3. RETAIL BOX CONTENTS	10
4. COMPONENTS	11
5. BEFORE USING	11
GENERAL INSTRUCTIONS	12
TURNING ON THE HEADSET FOR THE FIRST TIME	12
RECONNECTING THE HEADSET TO A PAIRED PHONE	13
ATTACHING THE SCALA-RIDER FM UNIT TO YOUR HELMETS	14
REMOVING THE HEADSET FROM THE HELMET	16
6. HANDLING CELLPHONE CALLS	16
INITIATING CALLS BY USING YOUR PHONE'S KEYPAD	16
VOICE DIALING	17

ANSWERING CALLS (INCLUDING VOICE COMMAND FEATURE)	17
TERMINATING CALLS	18
VOLUME CONTROL	19
CALL REJECT	20
REDIAL	20
7. VOICE COMMAND (VC) FEATURE	20
ENABLE/DISABLE THE VOICE COMMAND FEATURE	21
ANSWERING CALLS USING VOICE COMMAND	21
REJECTING CALLS USING VOICE COMMAND	22
8. OPERATING THE RADIO	22
9. UNDERSTANDING THE STATUS LIGHTS AND SOUND SIGNALS	25
STATUS LIGHTS	25
TONES	25
10. SUMMARY OF FUNCTIONS	26
11. FAQs	27
12. TROUBLESHOOTING	30
13. TECHNICAL SPECIFICATIONS	34
14. FCC NOTICE	35
15. EUROPEAN CE NOTICE	36
16. LIMITED WARRANTY	36
17. REGISTRATION FORM	43

1. Introduction

Congratulations and thank you for purchasing the scala-rider FM™ *Bluetooth*® headset for motorcycle helmets. Now you can wear your helmet while talking hands-free on your *Bluetooth* enabled mobile phone, as well as listen to the radio.

If you are using a standard non-*Bluetooth* mobile phone, you can still enjoy the headset's advantages by connecting our optional BTA II *Bluetooth* Adapter to your mobile phone (purchased separately).

The scala-rider FM is compatible with the latest *Bluetooth* version 1.2 specifications, and works equally well with *Bluetooth* version 1.1.

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

For safety reasons we strongly recommend not to conduct phone calls above 80 km/h (50 mph). Safe driving requires your complete attention and in particular at higher speeds. Also, the audio quality of your headset deteriorates with higher speeds, causing additional distraction from the traffic around you.

Please refer to the waiver conditions at the end of this manual.

We wish you an enjoyable and safe scala-rider FM experience.

Features

- For maximum safety, most operations are hands-free, allowing you to keep your hands on the handle-bars.
- Easy to attach to helmet
- High-capacity, rechargeable Li-Po battery provides extended talk time of up to 9.5 hours and in excess of one week standby time.
- Universal Travel charger 110/240V 50/60Hz
- Supports hands-free and headset profiles
- Calls can be answered and terminated from either the headset or from your mobile phone (subject to your phone's capabilities).
- Calls can be initiated from your mobile phone; audio will be heard on the headset*
- 2-year Limited Warranty.

** Some phones require that you press briefly CTRL to transfer the call*

Definitions

BT	Bluetooth®
CTRL	Control Button on the headset

2. Safety

IMPORTANT *The scala-rider FM is a water-resistant device, designed for use under moderate rain and snow conditions. However, the headset is not waterproof and should not be used under severe weather conditions. The cover tongue protecting the charging jack should be kept tightly closed at all times to prevent moisture from entering the device.*

Observe the following safety precautions when using your headset:

- Carefully read and understand the instructions in this manual.
- Follow all instructions and warnings labeled and marked in this manual.
- Use a cloth to clean the headset. DO NOT use liquid or aerosol cleaners.
- Use caution when using your headset near water such as bathtubs, sinks, or swimming pools.

- Do not expose your headset to extreme temperature, moisture, or high voltage.
- Your headset is rugged, but can be damaged or broken if not handled with care.
- Do not expose headset to liquids, nor place heavy objects on it.
- Do not disassemble the product or any of its components for any reason, as this will void the warranty and may damage the electronic circuits. If assistance is needed, contact the store from which you have purchased the product, visit our website at www.cardowireless.com or contact us via e-mail at: support@cardosystems.com.

To reach us via phone, please call:

In the U.S. Toll-free: 1-800 488-0363 or 412 788-4533.

In Europe and International: +49 89 450 36-819

NOTE: Prior to contacting us, make sure that you have a valid registration number available.

- Discontinue the use of your headset if:
 - Your headset is damaged.
 - Liquid has been spilled into the headset.
 - Your headset has been dropped and the case has been damaged.
 - Your headset exhibits a distinct change in performance.
 - Your headset does not operate normally and adjusting the controls does not resolve the issue.
- Disconnect your headset from the wall charger if:
 - Liquid has been spilled into the charger or headset.
 - The wall charger does not operate normally after following the operating instructions.
 - Your wall charger has been dropped and the case has been damaged.
 - The wall charger exhibits a change in performance.

Interference With Other Devices

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

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of about six inches (16 cm) be maintained between a mobile phone or a headset 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 digital headsets may interfere with some 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.

3. Retail Box Contents

Headset



Clamp (with microphone and speaker)
 If you use more than one helmet, you may consider purchasing additional clamps from our online store (www.cardowireless.com)



Wall Charger



Allen Wrench



Velcro Pad,
 Small Sponge for Microphone



Travel Pouch

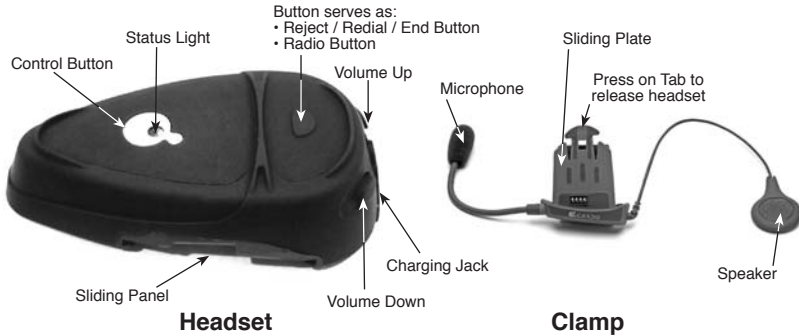


Extention Pad



User Guide which includes Warranty and Registration form

4. Components



5. Before Using

Make sure that the headset is fully charged for at least four hours before initial use. Subsequent charging should take two to three hours.

1. Connect the wall charger to Charging Jack of the headset (located between the two Volume Control buttons).
2. While charging, the red status light illuminates. When charging is complete the light will turn off.

General Instructions

All headset functions are controlled either by:

- Pressing the Control or Radio Button either for a short period of less than a second or for a long period of over three seconds
- Or
- Pressing the volume up and volume down buttons.

Turning on the Headset for the First Time

In order for the headset to work with your cellular phone, they must first recognize each other. This process is called “pairing”, and only needs to be performed once for each phone.

1. Turn on your phone and make sure it's *Bluetooth* function is activated.
2. With the Headset turned off, press and hold the Control Button until the red and blue status lights begin rapidly alternating.
3. Search for *Bluetooth* devices on your phone by following the phone's instructions.
4. After a few seconds the phone will list the **scala-rider FM** as a discovered device. Select it and follow your phone's instructions to accept the pairing.

5. When prompted enter 0000 (four zeros) as your PIN or passkey.
6. Your phone will confirm that pairing has succeeded.

Note: If pairing is not completed within two minutes the headset will return to standby mode and you must repeat the pairing process.

Your Headset can pair with up to eight phones, and will automatically bond with the last phone connected to the Headset.

Reconnecting the 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 link. 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 or major obstacles have come in the way. After you have turned on your headset and mobile phone, there are several methods to re-establish the link if needed:

- Assuming your mobile phone has voice activation capability, press briefly the headset's CTRL button to activate voice dial. A signal on your phone's screen will indicate that the link is re-established.
- Do nothing. Once a call is received, answer by pressing the CTRL button.
- With some mobile phones you should refer to your phone's menu and/or manual.
- The most likely solution is to simply turn the headset off. Then turn it on again after several seconds and tap CTRL.

Attaching the scala-rider FM Unit to Your Helmet

1. Use the enclosed Allen Wrench to loosen the two screws on the Back Plate of the clamp.



2. Slide the Back Plate between the internal padding and the external shell of the helmet. If the external shell is too wide use the extension pad.



3. Adjust the clamp's location so that the microphone is located at the corner of your mouth, and then tighten the screws. Attach the speaker to the Velcro on the inside of your helmet opposite your ear, or use the supplied Velcro pad if needed.



INCORRECT

CORRECT

4. Slide the headset downwards along the sliding panel until a clicking sound indicates that the headset is locked in place.



Removing the Headset From the Helmet

Your headset can be removed for charging and storage by pressing your finger gently against the tab and sliding the headset up with the other hand (Figure 1).

Press
here



Figure 1.

We recommend that you store your Headset in the enclosed carry pouch when not in use.

6. Handling Cellphone Calls

NOTE: Certain advanced features of the scala-rider FM are only accessible to phones equipped with the hands-free profile.

Initiating Calls by Using Your Phone's Keypad

1. Dial the phone number on your phone's keypad.
2. Press "Talk" or "Send" on your phone to dial the number.

Voice Dialing

1. Make sure your phone is ON but no call is in progress.
2. Tap the Headset's CTRL button and listen for a tone.
3. 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.

Answering Calls (Including Voice Command Feature)

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

- Tap the CTRL button on your headset once (Figure 2)
- Assuming the Voice Command feature is active (see Section 7 below), answer the call by pronouncing loudly any word of your choice within 7 seconds. If you remain silent for 7 seconds the call will be automatically rejected and the ringing will stop.



Figure 2

Terminating Calls

To terminate a call, tap the *Reject/Redial/End* button, followed by a tone confirming the termination (Figure 3)

If the other party terminates the call first, no action is necessary.

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

Tap here to
terminate call



Figure 3

IMPORTANT:

If your mobile phone does not support the handsfree protocol you will not be able to end calls by pressing the Reject/Redial/End Button. Instead, please tap the CTRL button to terminate calls.

Volume Control

The scala-rider FM 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 virtually unnecessary.



Figure 4

You may also adjust the volume any time by pressing the volume buttons one step at a time. For each step of adjustment, you will hear a short beep.

Call Reject

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

- Tap the *Redial/Reject/End* button on your headset to reject the call (Figure 3).
- Assuming the Voice Command feature is enabled (see section 7 below), remain silent for 7 seconds to reject the incoming call.

Redial

While no call is in progress, tap the *Redial/Reject/End* button on your headset to redial the last number you have called. (FIG. 3).

7. Voice Command (VC) feature

The VC feature allows you to answer or reject incoming calls by voice control without having to remove your hands from the handlebars.

The default mode of this feature is ON.

To disable the VC feature, please refer to the following section.

NOTE: Typically, the VC feature works well while driving up to 70 km/h or 44 mph with a 3/4 helmet and up to 120 km/h or 75 mph with a closed full-faced helmet. High-end helmets may yield better results.

Enable/Disable the Voice Command Feature

Press and hold the *Volume Up* and *Volume Down* buttons simultaneously for 3 seconds to enable/disable the VC feature. You will hear an ascending/descending tone confirming the change each time you switch this feature ON or OFF.

Answering Calls Using Voice Command

We recommend that you set your phone by default to auto-answer mode. The phone will then automatically answer any incoming calls, thus allowing you to receive all incoming calls without the need for any action on your part.

Alternately, you can answer an incoming call via the headset, by loudly saying any word of your choice within 7 seconds after you hear the ring. If you remain silent, the call will be rejected (see following section).

Rejecting Calls Using Voice Command

To reject a call and stop the ringing, remain silent for 7 seconds when you hear an incoming call via the headset.

8. Operating the Radio

Your headset is equipped with a high-quality FM radio receiver. This section explains how to enjoy the functions of the FM radio.

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

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

Turning the FM 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 to the last radio station you were listening to. With some phones you

should wait a few seconds after ending a call before turning on the radio.

Turning the FM Radio Off

While the radio is turned on, press and hold the Radio button for three seconds to turn the radio off.

Switching Preset FM Radio Station

There are 6 pre-set radio stations available on your scala-rider FM. While the radio is on, tap the Radio button to cycle between saved stations.

Searching New FM Radio Station

While the radio is on, press and hold the *Volume Up* or *Volume Down* button for 3 seconds or until you hear the next station on your headset. Pressing *Volume Up* will search upwards (higher frequency). Pressing *Volume Down* will search downwards (lower frequency).

Once a station is found, searching stops and you can hear the station. To save this station, refer to the following section.



To continue searching, press the *Volume Up* or *Volume Down* button again for three seconds.

You may still continue to listen to the current unsaved station. Pressing the radio button in this case will move to the next saved station.

Saving FM Radio Station

The FM radio is equipped with a memory capacity of 6 stations.

- Select the station you wish to replace by tapping the radio button until you find the station you want to replace.
- Search for a new station as described above.
- Tap the Radio button within 20 seconds of finding the station to save the current station.

If you don't save the station the radio will exit search mode without saving the current station. You can still continue to listen to the current unsaved station. Tapping the Radio button in this case will move to the next saved station.



9. Understanding the Status Lights and Sound Signals

Status Lights

The headset uses the following Status Lights to display its state

Status Light	State
None	Headset is off or Status Light is disabled
Alternating Red/blue flashes	Entering pairing mode
1 blue flash every 3 seconds	Standby – No call in progress
2 blue flashes every 3 seconds	Call being initiated or in progress
1 red flash every 3 seconds	Standby and battery is low
2 red flashes every 3 seconds	Call being initiated or in progress and battery is low

Tones

With the exception of the actions described in the following table, all actions are followed by a single tone to confirm that the headset has accepted the command.

Action	Tone
Mute	On/off tone and mute reminder tone every 20 seconds
Radio station changed (according to the station number)	One to six short beeps

10. Summary of Functions

If you want to...	...do this
P H O N E F U N C T I O N S	
Turn on the headset	Press the <i>Control</i> button steadily for at least 6 seconds
Turn off the headset	Press the <i>Control</i> button steadily for at least 3 seconds
Answer a call	Short press the <i>Control</i> button or speak loudly any word of your choice.
Reject a call	Short press the <i>Reject/Redial/End</i> button or remain silent for 7 seconds.
Terminate a call	Short press the <i>Reject/Redial/End</i> button.
Increase the volume	Short press the <i>Volume Up</i> button.
Decrease the volume	Short press the <i>Volume Down</i> button.
Voice Dial	During standby, short press the <i>Control</i> button and state the name of the person you wish to call. Note that the person's name and number must first be entered in the phone's memory.
Redial	During standby short press the <i>Radio</i> button
R A D I O F U N C T I O N S	
Turn on the radio	During standby, press and hold the <i>Radio</i> button for at least 3 seconds
Turn off the radio	While the radio is on, press and hold the <i>Radio</i> button for at least 3 seconds
Search for new radio station	While the radio is on, press and hold the <i>Volume Up</i> or <i>Volume Down</i> button for at least 3 seconds
Save new radio station	Short press the <i>Radio</i> button after finding the station you want to save
Increase radio volume	While the radio is on, short click the <i>Volume Up</i> button
Decrease radio volume	While the radio is on, short click the <i>Volume Down</i> button

11. FAQs

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

No. Your scala-rider FM communicates with virtually every *Bluetooth* phone.

How does the scala-rider FM headset work?

Once the scala-rider FM 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 it with my scala-rider FM headset?

You can hold on to your non-BT mobile phone and still enjoy the benefits of the headset, if you use the Cardo BTA II *Bluetooth* Adapter (purchased separately). The BTA II Adapter plugs directly into the headset jack of most non-*Bluetooth* phones, thereby enabling the 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. The Headset should be serviced by authorized personnel only.

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

Either way is fine.

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, unless an unforeseen error has occurred.

Generally, 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.

Will other *Bluetooth* phones interfere with my scala-rider FM 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 Wi-Fi or other 2.4 MHz transmissions in the vicinity interfere with the scala-rider FM headset?

We have not encountered such events, but in general, interference may occur with any *Bluetooth* headset, including the scala-rider FM headset.

Can I wear the scala-rider FM headset in the rain?

The scala-rider FM is a water-resistant device, designed for use under moderate rain and snow conditions. However, the headset is not waterproof and should not be used under severe weather conditions. The cover tongue protecting the charging jack should be kept tightly closed at all times to prevent moisture from entering the device.

Will scala-rider FM headset work with more than one *Bluetooth* phone?

Yes, your scala-rider FM headset can be paired with several *Bluetooth* phones, but you can only work with one at a time.

In the radio function, what is the difference between *Search Up* and *Search Down*?

Searching Up will find a radio station that broadcasts in higher frequencies than the current station. *Searching Down* will find a radio station that broadcasts in lower frequencies than the current station.

More questions? Please visit our FAQ page at <http://www.cardowireless.com>



12. Troubleshooting

Problem	Action
Bluetooth Headset Problems	
Unsuccessful Bluetooth Pairing	<ol style="list-style-type: none">1. Delete scala-rider FM from your paired device list of your phone2. Turn off the phone and headset3. Remove the battery from the phone and return (reseat) it.4. Repeat the pairing process as described in <i>Turning on the Headset for the First Time</i> (page 12).
Can't answer calls or perform voice dialing by pressing the Control key	<ol style="list-style-type: none">1. Make sure that the scala-rider FM headset is turned ON and in standby mode with the blue Status Light slowly flashing.2. Verify that the <i>Bluetooth</i> function on your phone is set to ON.3. Verify that the scala-rider FM headset is the correctly paired headset to your phone.4. Reconnect the phone and headset as described in the section <i>Reconnecting the scala-rider FM headset to a Paired Phone</i>.5. Check the definitions and settings on your phone.6. Repeat the pairing process as described in <i>Turning on the Headset for the First Time</i>, (page 12).



Cannot terminate calls using the Reject/Redial/End functions	Your phone supports the <i>Bluetooth headset</i> profile only and not the <i>handsfree</i> profile. Therefore you must use the Control button to answer or terminate calls.
Can't answer phone calls using the Voice Command (VC) feature.	<ol style="list-style-type: none"> 1. Make sure that the VC feature is activated 2. Make sure that you speak the word loudly after prompting
I cannot perform redial	<ol style="list-style-type: none"> 1. Make sure that the call list on your phone is not empty. 2. The Redial feature works only with mobile phones that support the <i>handsfree</i> profile. Make sure that your phone supports this profile.
Battery does not provide at least five hours of talk time	Make sure your scala-rider FM headset is fully charged. Charging time is up to 3 hours for an empty battery. When the headset is connected to the charger and it is fully charged, the red Indicator Light turns off.
I'm trying to reject incoming calls by remaining silent, but the phone continues to ring.	<ol style="list-style-type: none"> 1. Make sure the VC feature is enabled (see Section 7). 2. Reject feature works only with mobile phones that support the <i>hands-free</i> profile. Make sure your mobile phone supports this profile.
Red Status Light does not light steady when charger is connected.	<ol style="list-style-type: none"> 1. Make sure the charger's DC jack is firmly plugged into the headset. 2. Disconnect the charger's DC jack, wait a few seconds and plug it back in.

3. When the headset is fully charged the red light turns off.

I hear crackling noises

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

Sound deteriorates when the phone is in my back pocket.

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 to a front pocket on the same side you wear your headset.

The party I am speaking to complains about insufficient audio quality

1. Close helmet cover under high-speed conditions
2. Use the bigger microphone sponge.
3. Make sure the microphone is not in front of your mouth. The microphone should be at the corner of your mouth.

FM Radio troubleshooting

I can't turn on the Radio immediately after turning on the Headset.

Wait 10 to 15 seconds after turning on the Headset (setup time for the Headset) before turning on the radio.

<p>Sometimes when trying to turn the radio on, the mobile phone initiates <i>Redial</i> instead.</p>	<p>You probably released the <i>Radio</i> button too early. Release the button only after you hear the Radio on the Headset.</p>
<p>Sometimes when I switch between radio stations, the volume is not the same for all the stations.</p>	<p>This can result from different broadcast signal strengths of the radio stations. If the station volume is too low (even after turning the volume to maximum volume) try to find the same station on a different frequency.</p>
<p>The volume changes every time I switch between radio and phone conversation.</p>	<p>You can adjust the radio volume and phone conversation volume separately. While listening to radio, changing the volume will change only the radio volume and while the radio is off changing the volume will change only the phone conversation</p>
<p>Sometimes, when I search for radio stations the volume changes instead of searching for new stations.</p>	<p>You probably released the <i>search</i> button too early. Release the button only once hearing the new radio station on the Headset.</p>
<p>Sometimes the quality of the radio reception decreases for a few seconds.</p>	<p>The radio quality depends on the radio station's transmitting power. If you travel near high buildings or in remote locations you may experience problems with reception.</p>
<p>While listening to the radio, the radio becomes mute for several seconds and then returns to normal operation.</p>	<p>The scala-rider FM mutes the radio each time the mobile phone sends an audio signal to the headset. This can happen if the mobile's keypad is pressed or a new SMS arrives (depending on your type of mobile phone).</p>

The radio doesn't turn back on immediately after the end of a call

The scala-rider FM recognizes when the phone call ends and automatically turns the radio back on. The period between the end of a call and the radio turning back on depends on your mobile phone type and should last several seconds.

NOTE: For most problems we recommend as a first step, that you turn the headset off and then on again. If this does not help, try pairing the headset and phone again.

13. Technical Specifications

Technology	Compliant with Bluetooth®, Ver. 1.2
Maximum power	2.5 dbm
Maximum link distance	30 feet or 10 meters
Typical talk time	Up to 7 hours
Typical Radio operation time	8 to 10 hours
Typical standby time	Up to one week
Typical charging time	3 hours
Power Source	Rechargeable Lithium Polymer battery
Weight	120 oz. or 34 g
Speaker width	4.7 mm
VC operation	Up to 70 km/h or 44 mph with open helmet Up to 120 km/h or 75 mph with closed helmet
Approvals	FCC Part 15, CE, IC, Bluetooth®



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 FM headset is designed to operate at the maximum strength allowed by the FCC. This means that your headset 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.

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: If this equipment causes 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 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.

15. European CE Notice

Certification and Safety Approvals/ General Information, Regulations and Notices

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. 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 user’s authority to operate the equipment.

16. Limited Warranty

Your scala-rider FM headset is covered with 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.

What this limited warranty covers and for how long

Cardo Systems, Inc. (the “Company” or “Cardo”) warrants the scala-rider FM headset and charger against defects in material and workmanship under normal use and service for a period of two (2) years 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 Service 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

FM 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. The headset has been opened by non-authorized personnel.
- 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 FM headset. Furthermore, the Company is not responsible for any damage to any part of the scala-rider FM headset resulting from the use of ancillary equipment not furnished by the Company.

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 by 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, incl. rain.
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, send it by certified mail or register online at: <http://www.cardowireless.com>. For services, please present the product, along with your registration number and bill of sale (receipt) to 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 decorative finishes, batteries, 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 Cardo 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 User Guide.

Verify that your Headset is 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.

Waiver and General Release

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

Using a communication device while 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 und 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 if you choose to use the scala-rider FM headset, including all derivative models irrespective of its commercial name or branding (the “Device”), and stop your Vehicle on the roadside prior to operating 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 operate the Device 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 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 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 operating 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 use, to 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.
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 or manufacturing 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 BEYOND 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.

IMPORTANT

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 PRIOR TO USING THE DEVICE AND 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 ACCORDING TO THE ABOVE CONDITIONS, YOU ARE EXPLICITLY IN AGREEMENT WITH THE ABOVE, AND RENOUNCE ALL RIGHTS TO FUTURE CLAIMS AND DEMANDS AGAINST CARDO AS DEFINED ABOVE.

SUPPORT

For additional information visit our website at

www.cardowireless.com

or call us at:

Toll-free USA: 1-800 488-0363

(Fax: +1 412 788 0270)

Europe and International: +49 89 450-36819

(Fax: +49 89 404 817)

U.S. and Worldwide Patent Pending;

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Registration Form for Cardo Products

Pour la version française, visitez s.v.p. notre site Web.

Die Deutsche Version kann von unserer Website heruntergeladen werden.

La versión española puede encontrarse en nuestro sitio web.

La versione italiana può essere scaricata da web

www.cardowireless.com

Dear Customer,

Thank you for choosing our product. We hope that you will enjoy using it, and welcome your feedback or suggestions. To become eligible for our one year limited warranty, including customer service support, you must obtain a registration number.

NOTE: CARDO WILL NOT SHARE YOUR INFO WITH THIRD PARTIES

Last Name*: _____ First Name: _____ Middle Initial: _____

E-mail*: _____ or Mailing address*: _____

Purchase Date*: _____ Purchase Price: _____

Purchase Location* (name and address of store / online / other) : _____

Please send me:

Information about future CARDO products and events

YES

NO

Upgrades and/or updates regarding your product

Remember: The warranty for your product will only become effective if all of the blanks marked (*) are completed. For your convenience you may either register on-line at www.cardowireless.com or via fax or regular mail at one of the CARDO offices:

Cardo Systems, Inc.

100 High Tower Blvd.,
Pittsburgh, PA 15205 (USA)
Fax: (+1) 412 788-0270

Cardo Systems, Inc.

Hohenlindenerstr. 1
Munich 81677 (GERMANY)
Fax: (+49) 89 404-817

Please note: Completing the questionnaire is optional and does not constitute a requirement for warranty and customer service for your product.

CARDO WILL NOT SHARE YOUR INFO WITH THIRD PARTIES

Gender: M / F

Age Group: 18 or under 19-28 29-39 40-49 50-64 65+

Mobile Phone to be used with your product: _____

Please tell us how the product features have impacted your decision to purchase the it, by rating its features accordingly (10 = most important and 0 = least important)

Weight _____ Comfort _____ Price _____ Bluetooth connectivity _____

Design _____ Optional Features _____ Functions _____ Sound quality _____ Brand _____

Packaging _____ Advertisements _____ Reviews _____ Recommendations _____

User-Friendliness of the product _____ Uniqueness (please specify below) _____

Compatibility with the mobile phone of your choice _____ Other _____

Have you used competing products, and if so how do they compare (please specify):

Please rank the clarity of our user manual and / or Quick Start Guide _____
(10 = best quality and 0 = worst quality)

Please rank the clarity of our website _____

Please tell us what you like or dislike about our product

THANK YOU FOR COMPLETING OUR QUESTIONNAIRE.

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Developed and Manufactured by:



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Pittsburgh, PA 15205
(USA)

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