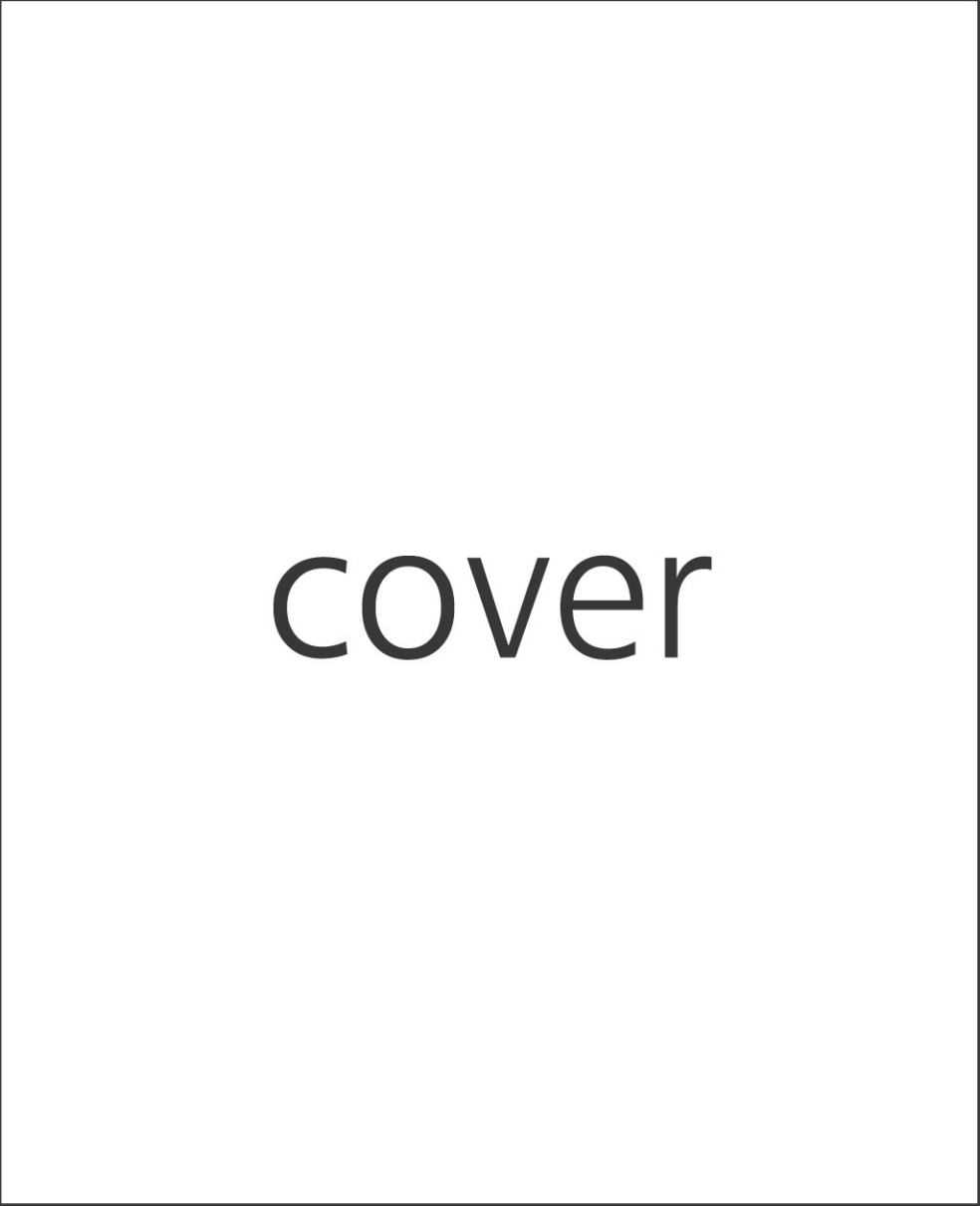
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1. Introduction

Congratulations and thank you for purchasing the scala-500™, the most advanced and versatile Bluetooth™ powered wireless headset for mobile phones. You can now talk hands-free on your Bluetooth enabled mobile phone, made possible by the short-range wireless connection between your phone and the scala-500™ headset.

The small footprint and the exquisite appearance of the scala-500™ should not mislead as to its extraordinary sound quality performance, even under windy outdoor conditions. In addition to a plethora of high-end functions, this headset allows you to walk, jog, or bike in windy outdoor conditions and still conduct a clear conversation. Our WindGuard™ solution effectively filters the wind blowing into your microphone, making way for your voice to reach the other party, significantly clearer than usually found in headsets.

Irrespective of its outdoor qualities, the scala-500™ – not unlike mobile phones - is by no means waterproof, nor should it be used under wet or extremely humid conditions.

Enjoy!

You can also use the scala-500™ *with a non-Bluetooth phone if you attach your cell phone to the CARDO BT Adapter (purchased separately).*

Features

- No wires or software needed to connect your headset to your mobile phone. While using your headset you may be up to 30 feet or 10 meters apart from your phone.
- The scala-500™ is the best performing BT headset under windy, outdoor conditions (*WindGuard™ pat.pend.)*
- Cardo's VersaClip™ offers you alternative ways to wear the headset: Eye/Sun-glass Clip or flexible Ear-Loop. Both can be worn on your left or right side.
- Lightweight and comfortable to use and wear. The scala-500™ weighs merely .58 oz. (~16.5 grams).
- High-capacity, rechargeable Lithium-Polymer battery provides extended talk time of up to 9 hours and in excess of one week of standby time.
- Universal Travel charger 110/240V 50/60Hz
- Supported Functions: Mute, Voice-Dialing, Redial, Call Reject, and Call Toggling between headset and phone
- Supporting *handsfree* and *headset* profiles
- Carry-Sleeve with neckband to wear the headset around the neck or clipped onto your belt
- Comfortable charging cradle attaches to universal DC Wall-Charger or optional car-charger (separately purchased)
- Calls can be answered and terminated from either the headset or from your mobile phone.
- 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

conditions require it. Do not initiate calls, perform pairing, linking or similar operations while driving. 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.

2. Important Safety Information

Please maintain basic safety precautions when using your headset. This will reduce the risks of fire, electric shock and injury to users. Among others, you should comply with the following recommendations:

1. Carefully read and understand the instructions in this manual.

2. Follow all instructions and warnings labeled and marked in this manual.

3. Use a damp cloth to clean the headset. DO NOT use liquid or aerosol cleaners.

4. Use caution when using your headset near water such as bathtubs, kitchen sinks or swimming pools.

5. Do not expose your headset to extreme temperature, moisture or high voltage.

6. Your headset is rugged, but can be damaged or broken if not handled with care.

7. Do not expose headset to liquids, nor place heavy objects on it.

8. Consider using your Carry-Sleeve to protect your headset when not worn.

9. 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: +4989 450 36-819

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

10. Discontinue the use of your headset if:
a. Your headset is damaged.
b. Liquid has been spilled on or into the headset.
c. Your headset has been dropped and the case has been damaged.
d. Your headset exhibits a distinct change in performance.
e. Your headset does not operate normally and adjusting the controls does not resolve the issue.

11. Disconnect your headset from the wall charger if:
a. Liquid has been spilled into the charger or headset.
c. The wall charger does not operate normally after following the operating instructions.
d. Your wall charger has been dropped and the case has been damaged.
e. The wall charger exhibits a change in performance.

Automobile Travel
Please be mindful that certain activities such as automobile travel require your complete attention and concentration.

Safety
Check the rules and regulations regarding the use of wireless headsets in the area where you drive and obey the laws at all times. Pull over to the side of the road and park before making or answering a call if driving

3. Retail Package Contents

Your retail package contains the following items:

- Headset
- Ear-Loop
- Eye/Sunglass Clip
- Charging Cradle
- Wall Charger (*universal travel version*).
- Carry-Sleeve + Belt-Clip
- Neckband for Carry-Sleeve
- CD-Manual & Quick Guide
- Warranty + Registration Card

NOTE: *Spanish, French, German, Italian and English versions of the Manual and Quick-Guide can be downloaded from our website at* ***www.cardowireless.com/manuals.php.*** *We may update online manuals from time to time and add versions in more languages.*

scala-500™ Headset

Ear-Loop

Eye/Sunglass-Clip

Charging Cradle

Wall Charger

Carry-Sleeve

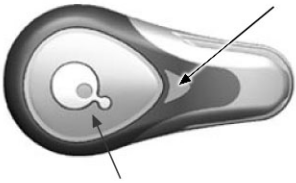
Neckband

Quick-Guide and multilangual Manual on mini-CD

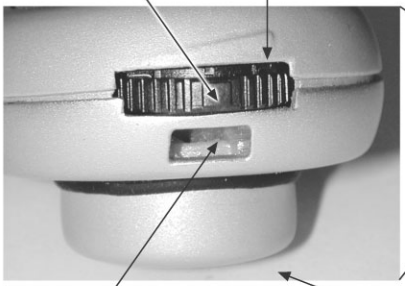
4. Before Using

Read and familiarize yourself with all instructions, components and controls of your scala-500™ headset prior to first use.

Detailed view of the Multi-Function Wheel (MFW)



CTRL (Control Button) – press on faceplate
- Accept/Initiate/Reject/Transfer calls
- Redial Function



Eye/Sunglass-Clip

For charging, place cavity over charging cradle, press headset downwards to secure it, and connect charging cradle to the wall-charger.

4.1 Charging the Battery

Make sure the headset is fully charged prior to initial use. Allow eight hours for a full charge before using for the first time. Normally allow for approximately 2-3 hours to complete a full charge.

1. Place the scala-500™ into the Charging Cradle (FIG.1). Press the headset gently downwards to secure its position.

2. Plug the Wall Charger (or the optional car-charger) into the charging cradle and connect to an electrical outlet (FIG.2).

3. The Light Indicator (LED) on the scala-500™ will turn red when charging commences. Allow the headset to charge until the LED turns off.

4. Charging the headset does not change its status: If it is ON when charging commences, it will stay ON, i.e. the headset remains fully functional during charging, and vice-versa.

5. To release the headset from the charging cradle, press simultaneously the buttons located on opposite sides of the cradle (FIG 3).

Fig. 1

Fig. 2

Fig. 3

5. Getting Started with the scala-500™ Headset

5.1 On/Off

To turn ON, press and hold the Multi-Function Wheel (MFW) for at least 3 seconds until an ascending alert tone is heard (FIG 1). Release the button. If you have not completed pairing, and this is the first time you have turned ON the headset, the red and blue LED will flash rapidly alternately, indicating that the device has entered the pairing mode. If the headset is already paired, the blue LED will start flashing slowly (one flash every 3 seconds), indicating that the device is in standby mode (during a call, the blue LED will flash twice every 3 seconds).

Fig. 1

To turn OFF the headset, press and hold the MFW for at least 3 seconds until the red LED flashes three times and an alert tone is heard. Quickly release the button.

5.2 Pairing

Pairing is a required process in which the scala-500™ headset and your Bluetooth enabled mobile phone become acquainted with each other for the first time. At the end of this process both devices retain information about each other, so that every time you turn one of them on, it will look for the other device and will be able to operate automatically with it. Pairing is required only the first time for a specific scala-500™ headset and a specific mobile phone. Please refer to the Pairing section of your mobile phone's manual prior to initiating the process.

NOTE: *If, after your devices are paired, you wish to use your headset with a different phone, you must pair the headset to the new phone.*

How to pair:

- Turn on the phone and make sure its Bluetooth function is activated.
- Make sure the headset is turned off.
- Press and hold the MFW. When the blue LED flashes, do not release the MFW button yet until the red and blue LEDs start flashing rapidly alternately.
- 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.
- After a few seconds of searching, your phone will list the "scala-500" as a discovered device. Select it, and when asked, follow your phone's instructions to select the device.
- When prompted by your phone, enter 0000 (4 zeros) as your PIN or passkey.
- Your phone will confirm that the pairing succeeded.

NOTE: *If pairing is not completed within two minutes, the headset will return to standby mode (flashing blue every 3 seconds). To pair, re-start the process from the beginning.*

Congratulations! You have now successfully completed your Bluetooth pairing process and are able to use your scala-500™ headset in conjunction with your mobile phone. From now on, when using your headset, you will no longer need to pair the headset to the phone, since the two devices will remain paired until you delete that pairing from the phone.

5.3 Reconnecting the scala-500™ 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 three methods to re-establish the link if needed:

- Assuming your mobile phone is voice activation capable, 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.

5.4 Wearing the Headset

The VersaClip™ provides you with the option to wear the headset around the ear or attached to your eye/sun-glasses (incl. right & left side).

5.4.1 Using the Ear-Loop

- Insert the pin of the ear loop into the holding duct on the back of the headset (FIG. 1).
- Determine the eventual height of the loop by adjusting the insertion depth of the pin into the holding duct. Select a depth, so that when wearing the headset, the speaker fits snugly into the opening of your ear canal.
- Push the ear loop away (FIG.2) to create an opening between loop and headset.
- Place the opened ear-loop around your ear and push the headset's speaker towards your ear to achieve a steady and comfortable grip.

Fig. 1 Fig. 2

5.4.2 Using the Eye/Sun-glass attachment

The optimal location to attach the Clip to the arm of your glasses is found when the headset's speaker fits snugly in your ear canal.

- Insert the Clip's pin into the holding duct of the headset. (FIG. 3 + 4).
- Determine the height of the headset relative to the glasses by adjusting the insertion depth of the pin into the holding duct.

Fig. 3 Fig. 4

• Once the Clip is inserted and adjusted to your individual needs, press the Clip's wings to open the latch. Then attach the entire headset by sliding the open Clip from front to back along the arm of the Eye/Sunglasses (FIG. 5-7) until the speaker hovers above your ear canal. Then push the speaker gently towards the ear canal to achieve a comfortable fit.

Fig. 5 Fig. 6 Fig. 7

• To release the headset from the eye-glasses, open the latch by pressing the wings (FIG. 8). Then pull the headset upward.

Fig. 8

Latch opens when wings are pressed

5.4.3 Wearing the headset on the left or right

You can wear the Headset on the left or the right side of your head by inserting the pin accordingly.

5.5 Carry-Sleeve

The Carry-Sleeve can be worn with the enclosed neckband (FIG. 9) or clipped onto your belt (FIG. 10).

Fig. 9

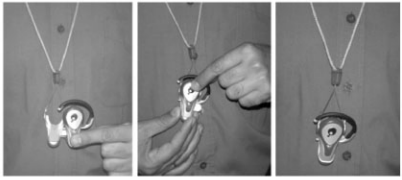


Fig. 10

NOTE:

The clip attached to the backside of the Sleeve (FIG. 11) swivels for adjustment. It serves as a means to attach to your belt (vertically or horizontally) or as a fastener to your shirt, if the headset is carried as shown in FIG 9.

Fig. 11