

CARDO BTA II

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Table of Contents

Contents of the Retail package:

- BTA II
- Travel charger
- Pop-Port™ connector for Nokia phones
- Velcro pad
- This Quick Start Guide

NOTE: Quick Start Guides in other languages can be downloaded from our website.

- Stylus for SET pinhole

Warranty and Registration card

- Double side scotch tape

Pop-Port connector for Nokia phones



Velcro pad



Double side scotch type



Stylus for SET pinhole



Product Specifications:

Typical Talk talk time: Up to 9 hours

Typical Standby standby time: In excess of 1one week

Typical charging time: 3 hours

Answer/End calls and Voice Dialing from the headset (if supported by phone)

Bluetooth Version: 1.2

Weight: 14.4 g

Certificates: FCC, IC, CE, Bluetooth™

Introduction

Congratulations and thank you for purchasing the Cardo Bluetooth Adapter II. We hope that you will enjoy the device and remain at your service for any query or problem you may have.

The BTA II – the smallest of its kind - turns your standard mobile phone into a Bluetooth powerhouse, allowing you to enjoy the hands-free benefits and advantages of your Bluetooth headset.

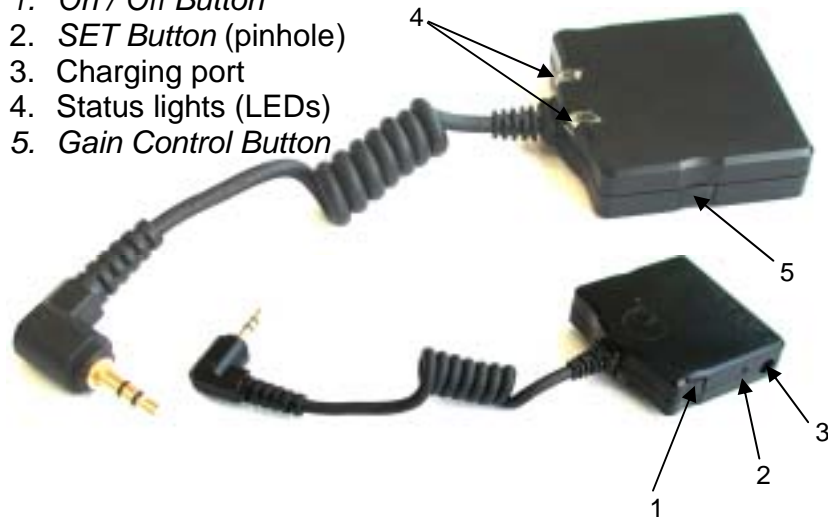
The Cardo BTA II is compatible with virtually every standard mobile phone and works best with the **Cardo** Bluetooth headsets.

If your phone does not have a standard 2.5mm headset jack, you may need to purchase a **conduit** connector to connect the BTA II to your particular phone. A Pop-Port connector for Nokia phones is included in this package.

Please refer to the warranty and registration card for safety and warranty instructions.

Detailed view of the Cardo BTA II

1. On / Off Button
2. SET Button (pinhole)
3. Charging port
4. Status lights (LEDs)
5. Gain Control Button



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Pop-Port connector for Nokia phones



Velcro pad



Double sided scotch ttype



Stylus for SET pinhole



Getting Started with the Cardo BTA II

1. Charging your adapter

NOTE: You must fully charge the BTA II prior to initial use!

1. Connect the enclosed AC Adapter to an electrical outlet, and the cable of the AC Adapter into the charging port of the BTA II. Charging begins when the **red** light (LED) turns on.
2. Once charging is complete, the **red** LED will shut off.

Allow for no less than 3 hours for to complete a full charge before initial use of the BTA II.

NOTE: When the BTA II battery is low, the red LED will start flashing every 3 seconds.

2. Pairing your adapter

Since you are using your BTA II for the first time, you must **pair** it to with your Bluetooth headset to make it work. If your BTA II is part of a *Combo* retail box along with a Cardo headset, then you can skip this section, since the headset and BTA II are already factory paired.

TypicallyNormally you should only once have to perform pairing between any particular headset and the BTA II. Thereafter the devices remain paired until you **cancel the existing pairing** or assign a new device to the BTA II.

1. Turn on the BTA II by pressing and holding the *On/Off* button for 3 seconds, until you see 3 rapid **blue** flashes of the LEDs.
2. Follow the instructions in the headset's manual to put the headset into Pairing mode. (If you are using the **Cardo scala-500** headset, this is done by pressing in and holding the headset's MFW until the **red** and **blue** LEDs begin alternating rapidly.)
3. Press and hold the SET button of the BTA II for 5 seconds by inserting the enclosed Stylus gently into the BTA's pinhole **marked SET**. When the LEDs begin rapidly flashing rapidly **red** and **blue**, you may release the set button. The BTA II is now in pairing mode.

4. Wait a few seconds until the **blue** LED on the BTA II begins flashing every three seconds.

Congratulations! You have now paired your headset and BTA II and are ready to begin using them!

Using the Cardo BTA II

Before you beginAs a **first step**, connect the Audio cable of the BTA II to your mobile phone's **2.5 mm headset jack**.

If your phone does not have a standard 2.5mm headset jack, you may need to purchase a suitable **conduit** connector to connect the BTA II to your particular phone. A Pop-Port connector for Nokia phones is included in your retail box.

To use a **connector**, first plug the connector into your mobile phone then plug the audio cable of the BTA II into the connector.

For more information, visit our website at www.cardowireless.com.

3. Power On / Power Off

Power On: Press and hold the *On/Off* Button for 3 seconds, until you see 3 rapid **blue** flashes of the LEDs.

Power Off: Press and hold the *On/Off* Button for 3 seconds, until you see 3 rapid **red** flashes of the LEDs.

If the BTA II is already paired to your Bluetooth headset (Section 2):

1. Turn on your Bluetooth headset and the BTA II. The BTA II will begin flashing **blue** once every second while it connects to the headset.
2. Once connected, the BTA II will begin flashing blue every 3 seconds. You are now ready to use your BTA II and Bluetooth headset!

NOTE: The BTA II will shut off automatically after 5 minutes if it is not paired to a headset or if it is unable to find the headset you are trying to pair it to.

4. Placing calls

USING YOUR PHONE'S KEYPAD:

1. Dial the number you wish to call on your phone's keypad and press *SEND/TALK* on your phone.
2. The call will be sent to the headset, and you may will communicate using the headset instead of the mobile phone.

USING VOICE COMMAND / VOICE DIAL:

(if supported by your phone)

1. Tap the headset's appropriate button to dial a call using Voice Dial (*CTRL* button at Cardo headsets).
2. At the prompt, speak pronounce the *Voice Tag* of the party you wish to call.

Please refer to your phone's manual for more information on its **Voice Dial** feature.

TIP: If your phone supports **Voice Dialing**, yet it does not respond to the *Answer/End button* as described above, please refer to **Section 6: Enhancing Functionality of the BTA II**.

5. Receiving or ending calls

1. Tap the headset's **Answer/End** button to **Answer** or **End** a call.
2. If this does not **Answer/End** the call, then you must do so manually by using your phone's keypad.

Please refer to **Section 6: Enhancing Functionality of the BTA II** for instructions on how to enable this feature (subject to the phone's capabilities).

Advanced Features

6. *Enhancing Functionality of the BTA II*

Enhancement # 1 - AUTO-CONFIGURATION

It is recommended that you *auto-configure* your BTA II for use with your mobile phone, as it is very likely to improve the performance of the BTA II.

Auto-configuring your BTA II could provide you with the following benefits:

- Up to 40% extended battery life of the BTA II
- Added support for **Answer/End/Voice Dial** using the headset's *Answer/End* button.

HOW TO AUTO-CONFIGURE THE BTA II FOR USE WITH YOUR MOBILE PHONE:

1. Make sure the headset and BTA II are turned ON and that the BTA II is plugged securely into the phone's headset jack. Keep Make sure the enclosed Stylus is available for use within reach.
2. In USA Ccall **1-80088-GO CARDO10** on from your mobile phone.
In Europe or internationally, call _____). **+49 180 GO CARDO**.
If any of these access numbers don't work for you, visit our website for updated phone numbers
<http://www.cardowireless.com/adapter.php>
2. When you begin to hear a recording through the headset, gently insert the enclosed Stylus into the BTA's pinhole (marked SET). in order to **press and hold the SET Button for a few seconds until the LEDs turn solid red, .**
- 4.3. **Release the SET Button Immediately.**

Wait until the red LED shuts off and the blue LED begins flashing every 3 seconds. This process may take up to 2 minutes.
- 5.4. Your BTA II is now configured to its optimal settings for your mobile phone.

5. You should now test the device by using the headset's Answer/End button for **Answer, End, and Voice Dial**. If these features still do not work, then your mobile phone does not support them and you will always have to use your mobile phone's keypad whenever you wish to use these functions.

Enhancement # 2 - GAIN CONTROL

The BTA II comes equipped with a *Gain Control* feature that allows you to increase the volume **heard** by the party you are calling.

NOTE: Turning On *Gain Control* may also result in an echo being heard. If this occurs, turn Off *Gain Control* to fix this problem.

HOW TO ADJUST GAIN CONTROL ON THE BTA II:

1. To turn On/Off *Gain Control*, press and hold the *Gain Control* button for 7 seconds.

- A *single flash* of the **red** LED indicates that you have turned Off *Gain Control*.

- A *double flash* of the **red** LED indicates that you have turned On *Gain Control*.

7. Resetting your BTA II

To reset the BTA II to its factory defaults:

1. Put the BTA II into *Auto-Configuration* mode while it is not plugged into a mobile phone.
2. Wait until the **red** LED shuts off and the blue LED begins flashing every 3 seconds.

For more information, visit our website at www.cardowireless.com.

Troubleshooting and Reference

8. Troubleshooting your BTA II

1. PROBLEM:

When powered ON, the BTA II flashes blue every second and doesn't ever switch to a slow blue flashing (STANDBY Mode); after 5 minutes of flashing blue every second, it shuts off.

SOLUTIONACTION:

- a. Your BTA II is not able to find or connect to the headset. Make sure that the headset is turned ON and that they have been paired correctly. To repair your headset and adapter, refer to **Section 2: Pairing your adapter.***

* *Cardo is not responsible for problems arising from difficulties with non-Cardo headsets.*

2. PROBLEM:

After ending a call, I can still hear some sound coming from the headset's speaker for about a minute.

ACTIONSOLUTION:

- A. By default, the BTA II will stay connected to the headset for up to one minute after a call is ended.
- B. If you **auto-configure** your BTA II, you may be able (subject to the phone's capabilities.) to greatly significantly shorten the time it takes for your headset to stop transmitting audio after the end of a call.
Please refer to **Section 6: Enhancing Functionality of the BTA II** for instructions on how to **auto-configure** your BTA II to its optimal settings for your mobile phone.

3. PROBLEM:

I am not able to Answer/End calls or Voice Dial using the headset's *Answer/End* button.

ACTIONSOLUTION:

- A. Please refer to **Section 6: Enhancing Functionality of the BTA II** for instructions on how to enable this feature (subject to the phone's capabilities.)
- B. If after performing the auto-configuration you are still unable to answer/end calls or Voice Dial via the headset, your phone does not support this feature and you must always use your phone's keypad to answer/end calls.

4. **PROBLEM:** can be merged with Problem 3
I am not able to Voice Dial calls using the headset's Answer/End button.

SOLUTION:

- A. Please refer to **Section 6: Enhancing Functionality of the BTA II** for instructions on how to enable this feature (subject to the phone's capabilities.)
- B. **If after performing the auto-configuration you are still unable to Voice Dial calls via the headset,** your phone does not support this feature.

4. **PROBLEM:**
I can't hear anything through the headset when I place a call.

ACTIONSOLUTION:

- A. Make sure your headset and BTA II are both **ON**, within the 30 foot range and **paired** to each other. If the BTA II is flashing **blue** every second, it is out of range of the headset or not paired to the headset.
- B. Check that your **BTA II audio cable** is plugged securely into the headset jack of your phone.
- C. Turn up the volume on your headset and handset.
- D. If you use a connector with the BTA II, first plug the connector to the phone and then insert the BTA II audio cable to the connector.

5. **PROBLEM:**
I can't hear the person on the other side, but they can hear me.

ACTIONSOLUTION:

- A. Turn up the volume on your headset and handset.
- B. Your phone may require the use of a **connector** in order to adapt its headset jack for use with the BTA II 2.5 mm audio cable.
- C. If you are already using this connector, you should troubleshoot the headset to ensure its speaker and/or microphone are functioning properly.

6. **PROBLEM:**
I can hear the person on the other side, but they can't hear me.

ACTIONSOLUTION:

- A. Make sure that your headset's MUTE function is not turned ON.
- B. Your phone may require the use of a **connector** in order to adapt its headset jack for use with the BTA II 2.5 mm audio cable.
- C. If you are already using this connector, you should troubleshoot the headset to ensure its speaker and/or microphone are functioning properly.

7. **PROBLEM:**
The party I call using my headset and BTA II hear me at a very low volume.

ACTIONSOLUTION:

- A. The BTA II comes equipped with a *Gain Control* feature that allows you to increase the volume heard by the party you are calling.
- B. Please refer to **Section 6: Enhancing Functionality of the BTA II** for instructions on how to turn ON *Gain Control*.

8. **PROBLEM:**
The party I call using my headset and BTA II can hear an echo.

ACTIONSOLUTION:

- A. The BTA II comes equipped with a *Gain Control* feature that allows you to increase the volume heard by the party you are calling.

- B. If *Gain Control* is turned ON, an echo may be heard by the party you are speaking to.
- C. Please refer to **Section 6: Enhancing Functionality of the BTA II** for instructions on how to turn OFF *Gain Control*.

9. **PROBLEM:**

When I receive a call, my phone rings but my headset doesn't.

ACTIONSOLUTION:

- A. When receiving a call, some phones do not transmit their ringtone to the headset.
- B. Answer the call normally as specified in **Section 5: Receiving or ending calls.**

9. LED Status Indicators

Status	What you see
Powering ON	3 rapid blue flashes
Powering OFF	3 rapid red flashes
STANDBY: Not on a call.	Single blue flash every 3 seconds
ACTIVE: On a call / connecting a call.	Double blue flash every 3 seconds
Low Battery	Single red flash every 3 seconds. (Double red flash while ACTIVE)
Searching: Adapter is trying to find a paired headset.	Blue flash every second
Pairing Mode	Rapid red/blue alternating flash
Charging	Solid red light (shuts off when charging is complete)
Auto-configure Mode	Solid red light
Gain Control ON	Single red flash
Gain Control OFF	Double red flash

10. Product Specifications:

Typical talk time: Up to 10 hours (subject to your phone's particular attributes capabilities and performing implementation of the Auto-Configuration procedure)

*Auto-Configuration is highly recommended. it increases battery performance for many phones.

Typical standby time: In excess of one week

Typical charging time: 3 hours

Answer/End calls and Voice Dialing from the headset (if supported by phone)

Bluetooth Version: 1.2

Weight: 14.4 g

Certificates: FCC, IC, CE, Bluetooth™

15.21

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

15.105(b)

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

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

Operation is subject to the following two conditions:

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

Note: The user must place the base 8" (20cm) or more from any personnel in order to comply with FCC RF exposure requirements.

Note: This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For more information, visit our website at
www.cardowireless.com.