Cobra®

CA BTCB4
User Manual

Bluetooth®

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Our Thanks to You

Thank you for purchasing the Cobra® CA BTCB4 wireless microphone system with **Bluetooth**® wireless technology. Use for hands-free phone operation and 4-pin CB radios. Properly used, this Cobra product will give you many years of reliable service.

Package List

Please inspect your packaging contents and refer to the package list below to confirm that there is no shortages or defects. The packaging contents includes the following items:

- Over-the-Head Microphone System 1
- 4-Pin Junction Unit 1
- Push-to-Talk Switch 1
- Retaining Cable Clips (not shown) 6
- USB Cable 1
- 12V Cigarette Lighter Plug Vehicle Charger 1
- Product Registration Card... 1
- Hook and Loop Material (not shown) 1
- PTT Switch Cushion (not shown) 1

If you find any shortage or defect, please contact your retailer where you purchased the product.

Product Illustration

1. Power Switch
2. Multi-Function Button (Answer/End Calls)
3. Volume Up (+)
4. Indicator Light
5. Volume Down (-)
6. Charging Jack Port
7. Speaker (Receiver)
8. Microphone
9. Junction Unit
10. Push-to-Talk Jack
11. CB-In-Use Indicator
12. Fuse
13. 4-Pin CB Mic Connector
14. 12V DC Power Lead
15. Push-to-Talk Button

10. PUSH-TO-TALK JACK
12. FUSE
14. 12V DC POWER LEAD
9. JUNCTION UNIT
11. CB IN USE INDICATOR
13. 4-PIN CB CONNECTOR
15. PUSH-TO-TALK BUTTON
7. SPEAKER PHONE
1. POWER SWITCH
3. VOLUME UP BUTTON
4. INDICATOR LIGHT
6. CHARGING JACK PORT
2. MULTI-FUNCTION BUTTON
5. VOLUME DOWN BUTTON
8. MICROPHONE

Charging Accessories

USB Charging Cable   **Vehicle Charger**

4. Charging the Headset

The CA BTCB4 includes a rechargeable built-in Lithium Polymer battery.
IMPORTANT: For first time use, charge the headset for at least 2 hours before pairing.

1. Insert the USB charging cable into the charging jack port located on the side of the headset.

2. Plug other end of USB charging cable into a PC or insert the USB cable into the cigarette adaptor and place into a working cigarette lighter outlet.

3. During charging the indicator will glow a steady red light

4. When charging is complete, the indicator light will turn off.

NOTE:
• Do not attempt to use headset while charging.

• Only use the supplied charger or original Cobra products to charge the headset.

• When headset battery charge is low, the indicator light will flash red.

• Do not charge the headset for more than 24 hours.

• Recharge headset only within a temperature range of 14°F to 113°F.

5. Installation of the Junction Unit

1. Connect the 4-pin cable of the junction unit to CB microphone connector.

2. Attach hook and loop material to back of junction unit.

3. Attach junction unit with hook and loop to a convenient location near the CB radio.

4. Connect the Red power cable to a 12V DC power source. You can use the same source as the CB.

5. Connect the Push-to-Talk plug the PTT connector to the junction unit.

6. Route the PTT cable preferably to the stick-shift. Use retaining clips (included) to secure cable.

7. Charge the headset for approximately 2 hours.

8. Pair the headset to the cellphone (see page 5).

9. The headset and junction unit should pair automatically. You will hear an audible tone on the handset once the connection is made for CB use.

6. Power On/Off

1. To power on, press and hold the power button ⏻ for 1 second, the power will turn on after the indicator flashes a blue light 3 times (the blue light will continuously flash 1 time per second).

2. To power off, press and hold the power button ⏻ for 6 seconds until you hear 1 beep and the red LED will light momentarily.

7. Pairing the Headset

IMPORTANT: Your Cobra **Bluetooth** headset and your **Bluetooth** wireless technology enabled phone or other device, must be "paired" before first time use.

1. Ensure the headset is on.

2. Press and hold the multi-function button until the indicator flashes blue/red (the headset is in pairing mode).

3. Ensure your mobile phone has the **Bluetooth** wireless technology function and start the new device searching function. Please follow the instructions of your mobile phone to proceed the operation.

4. Activate the **Bluetooth** "discovery" function in the mobile phone or other **Bluetooth** device. Example: **Menu/Bluetooth/add new device**. (See phone manual for specific **Bluetooth** wireless technology pairing instructions.).

6. When the headset is recognized by your phone, "CA BTCB4" will appear in the list of found devices.

7. Scroll to select or highlight "CA BTCB4" and press OK.

8. On some phones, you will be prompted to enter the headset password "0000", press OK.

9. If pairing is successful, your headset's indicator will flash blue 3 times every 10 seconds. If pairing is not successful, repeat the pairing process starting at step 1.

10. Certain phone models may require you to press "connect" or "add to trusted devices" (See phone manual for specific **Bluetooth** wireless technology pairing instructions).

11. Your headset is now paired and ready to use.

NOTE: Pairing of the headset to the junction unit is automatic for CB operation. The red LED will indicate connection and a tone will be heard at the headset once the headset is powered up.

NOTE:
- Recommended distance between phone and headset during pairing is 1-3 feet
- If headset is not successfully paired within 2 minutes, it will automatically abandon pairing mode and revert to standby

9. Wearing the Headset
According to your preference, adjust the headset on your left or right ear.

9. Answering Incoming Calls
IMPORTANT: The working range of the **Bluetooth** Wireless Headset is 16 feet indoors and 16 - 32 feet outdoors.

Wait for headset to ring and then press the multi-function button to answer incoming call.

NOTE:
- If the headset is off, Bluetooth® calls must be answered through the handset.

10. Refusing Incoming Calls
(For hands-free profile phones) Press multi-function button twice, about a second each.
(For Headset profile phones) Call reject must done using the phone (See specific-phone owners manual).

Left Ear   135°   135°   Right Ear
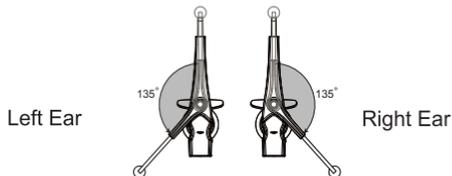
11. Ending Calls
When the conversation is over, press the multi-function button to end the call. If call on the other end hangs-up, you will hear 2 beeps and the call is dropped.

12. Voice Dialing
IMPORTANT: Your mobile phone and carrier must support this feature and or it must be activated to work properly.

Press the multi-function button for less than 2 seconds on the headset to activate voice dialing and follow your mobile phone instructions to proceed with the voice dialing.

13. Re-dialing Last Call
Press the multi-function button on the headset for 2 times. The last call will then be re-dialed automatically.

Note:
Your mobile phone must support the hands-free profile. For more details, please check the manual of your mobile phone.

14. Placing Calls On Hold

IMPORTANT: Your mobile phone and carrier must support this feature and/or it must be activated to work properly.

1. Press the volume decrease (-) button for 2~3 seconds until you hear one beep sound, then the call will be placed on hold. The headset automatically answers a second incoming call.
2. To take a call off hold, press the volume decrease (-) button for 2~3 seconds until you hear one beep sound.

NOTE:
To activate this function, please refer to the instructions of your mobile phone manual to make sure your phone program supports this function.

15. 3 Way Conference Calling

IMPORTANT: Your mobile phone and carrier must support this feature and/or it must be activated to work properly.

1. Press the volume decrease (-) button for 2~3 seconds until you hear one beep sound, then Call 1 will be placed on hold. The headset automatically answers a second incoming call.
2. To proceed in a 3-way phone conversation while you are answering the Call 2, press the volume increase (+) button for 2~3 seconds until you hear the beep sound to join all calls together.
3. To end the 3-way phone conversation, press the function button, then Call 1 and Call 2 will be hanged up together.

NOTE:
During a 3 way conference call, you can NOT return to just Call 1 or Call 2.
If the 3 way conference call has not been activated, you can press the decrease (-) volume key for 2~3 seconds to easily transfer the calls between Call 1 and Call 2.
If Call 1 is on hold and you hang up with Call 2, connection with Call 1 will be renewed.

16. Adjusting the Volume

During a call, you may adjust the headset's volume.

1. To increase the volume, press the increase (+) volume key.
2. To decrease the volume, press the decrease (-) volume key.

Note:
You will hear a beep sound when the volume is at maximum or minimum levels.

17. Safety Instruction

1. Read the headset manual carefully and use the headset correctly by following the instructions.
2. Keep the headset away from children.
3. Do not use cleaning liquids or spray to clean the headset.
4. Do not clean the headset while charging it.
5. Do not disassemble the headset.
6. If you encounter a problem, contact your retailer or service center.

18. Transmitting on CB Radio

IMPORTANT: Make sure the headset is fully charged.

1. Press and hold the push-to-talk switch.
2. Speak in to the headset microphone.
3. Release the push-to-talk to listen to the incoming audio.

19. Placing a Call On Hold & Transmitting on CB

While on a call:

1. Press and hold the volume down (-) button on the headset. You will hear a beep.

2. Press and hold the push-to-talk switch to transmit on the CB.

Resume with the phone call:

3. Press and hold the volume down (-) button on the headset. You will hear a beep to resume the phone call.

4. To end the call, press and release multi-function button.

20. Specification

Product Model No.	CA BTCB4
Bluetooth® Compliance	**Bluetooth®** V2.1
Frequency Band	2.4GHz ~ 2.4835GHz, ISM Band
Talk Time	Up to 10 hours
Supporting Profile	Hands-free
Connection	Peer to Peer
Data Encryption	128 bits encrypted
Power Capacity	Rechargeable Li-Polymer
Power Supply	5.1V DC CLP (Cigarette Lighter Plug)
Operation Temperature	-25° C ~ +50° C
Facility Saving Temperature	-40° C ~ +70° C
Operation Moisture	10% ~ 90% (non-concrete status)
Weight	2.36 oz. (battery included)
Size	7.24 x 6.38 x 2.28 inches

21. Trouble Shooting

1. Indicator light if flashing red.
   - Battery is low, recharge headset.

2. No indicator light when charging.
   - Leave headset on charger for a longer period of time because battery may be fully drained.

3. There's NO sound coming from the headset.
   - Make sure the headset is paired with a **Bluetooth** device.
   - Make sure the headset is on.
   - Make sure the distance between the headset and the paired device is within 32 ft.
   - Make sure your mobile phone has a good signal.
   - Some **Bluetooth** wireless technology mobile phones support only one headset, if you pair it with more than one headset, it may cause the other headsets being cut off.
   - Turn off then turn both devices back on.

22. Headset Care

   - Keep away from dusty areas.
   - Use clean and soft fabric to clean the headset's surface.
   - Use only original Cobra branded accessories on product
   - Do not disassemble, it will invalidate warranty.
   - Avoid storing and charging the headset in extreme temperatures.
   - Only authorized and qualified personnel can change the battery.
   - Recharge the headset at least once every two months, either you use it or not.
   - To extend battery life, consume all or most of battery charge before recharging.

23. Q & A

Q: Why doesn't my newly fully-charged headset work with my **Bluetooth** wireless technology mobile phone?

A: You must complete the pairing process, see page 5.

Q: Can CA BTCB4 work with ALL mobile phones?

A: No, this headset works only with **Bluetooth** wireless technology enabled mobile phones.

Q: How far is the working distance between the headset and the mobile phone?

A: Maximum operating distance is 32 feet.
   Note: Certain conditions may shorten useable distance such as water, strong radio frequency signals, and other conditions.

Q: Why does my mobile phone find many devices while searching for new device?

A: Some mobile phones by default are set to find more than one **Bluetooth** device within the working range. When your phone is finished searching, your mobile phone's LCD will show CA BTCB4 and/or some other unknown devices. Please select and confirm CA BTCB4.

Q: What if my mobile phone could not find the headset?

A: Only while your headset is under the pairing mode, your mobile phone can find the headset. Please follow the instructions of your headset manual to proceed the pairing process and/or see page 5 on pairing.

24. Q & A continued

Q: Do I need to pair the headset every time I use it?

A: No. The paired devices remain paired regardless of turning the power off on either device.

Q: Why is the voice from the headset not clear?

A: It may be the following two reasons:
(1) Your location has a bad signal, please move to a location with a better signal.

(2) The working range between the headset and the mobile phone has been exceeded. Please make sure the headset and mobile phone are within the working range of 32 feet and there is no obvious interference.

Q: Why is the headset suddenly not working?

A: (1) The battery may be too low.

(2) You may have a poor carrier/cellular signal

(3) The connection between headset and handset may have failed.
Turn off and return on both devices.

Q: Why could the voice dialing function of the headset not be switched on?

A: (1) Re-record the voice tag using the **Bluetooth** Wireless Headset.

(2) Some mobile phones do not support the voice dialing function.
Please refer to the manual of your mobile phone.

Federal Communications Commission (FCC) Statement

This device 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.

15.21

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

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Operation is subject to the following two conditions:

1) this device may not cause interference and

2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an un-controlled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Limited 1-Year Warranty

COBRA ELECTRONICS CORPORATION warrants that its Cobra CB microphone system, and the component parts thereof, will be free of defects in workmanship and materials for period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A.

Cobra will, without charge, repair or replace, at its option, defective CB microphone system, products or component parts upon delivery to the Cobra Factory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired or replaced under warranty.

Exclusions: This limited warranty does not apply; 1) to any product damaged by accident; 2) in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) if the serial number has been altered, defaced or removed; 4) if the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty. Cobra shall not be liable for any incidental, consequential or other damag-es; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

If You Think You Need Service, Call 773-889-3087
If your product should require factory service please call Cobra first before sending your unit in. This will ensure the fastest turn-around time on your repair.

You may be asked to send your unit to the Cobra factory. It will be necessary to furnish the following in order to have the product serviced and returned.

1. For Warranty Repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon or a sales receipt. If you send the original receipt it cannot be returned.

2. Send the entire product.

3. Enclose a description of what is happening with the unit. Include a typed or clearly print name and address of where the unit is to be returned.

4. Pack unit securely to prevent damage in transit. If possible, use the original packing material.

5. Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail: to avoid loss in transit to: **Cobra Factory Service, Cobra Electronics Corporation, 6500 W. Cortland St., Chicago, IL 60707**.

6. If the unit is in warranty, upon receipt of your unit it will either be repaired or exchanged depending on the model. Please allow approximately 3 to 4 weeks before contacting us for status. If the unit is out of warranty a letter will automatically be sent informing you of the repair charge or replacement charge. If you have any questions, please call 1.773.889.3087 for assistance.

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