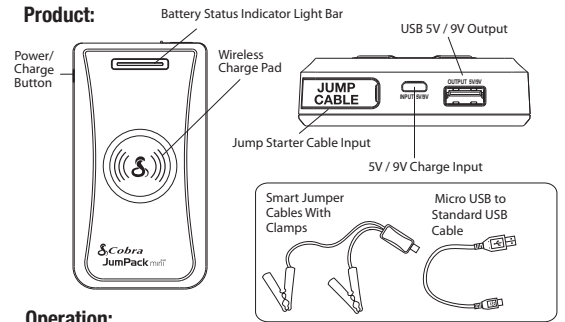# Cobra®

CPP8500 mini
User Manual

Portable Power - Anytime, Anywhere!

Thank you for purchasing the Cobra JumPack® mini CPP8500 jump starter portable power pack. Before using this product, please read these instructions carefully to learn about the features and capabilities of the JumPack and how you can get the best out of it.

Note: Please charge your JumPack mini completely prior to using it for the first time.
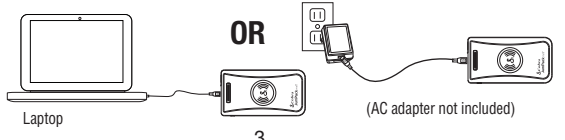
1

IMPORTANT SAFETY INSTRUCTIONS

Precautions when working with the CPP8500:

⚠ **WARNING:** Keep the unit clear of fire and water.

⚠ **WARNING: Shock Hazard.** Keep away from children. Do not insert fingers or foreign objects into the Jump Start Cable Input, the USB Output Port, or the Charge Input Jack. Do not submerge this product in water, expose to rain, snow, condensation, or spray for long periods. Do not open the JumPack. The battery is self-contained and there are no user replaceable parts inside the JumPack. Do not use the JumPack if it is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion, or risk of injury.

Do not operate the JumPack or accessories with a damaged cord or plug. To reduce the risk of damage to cords pull from the connector rather than the cord when unplugging.

Use of an accessory or an attachment not included with or recommended for the JumPack may result in a risk of fire, electric shock, or injury.

⚠ **WARNING: Explosion Hazard.** Do not use this product where there are flammable fumes or gases, such as an inadequately vented bilge of a boat or near propane tanks. Do not use this product in an enclosure containing automotive-type lead-acid batteries.

⚠ **WARNING: Fire Hazard**
Do not crush or puncture.

CAUTION: Operating temperature and environment
Do not expose to temperatures over +113° F (+45° C) or under -14° F (-10° C). Using at high or low temperatures may reduce the internal battery capacity and shorten the battery life. Exposure to fire or temperatures over +265° F (+130° C) may cause explosion. Exercise care when using in wet conditions.

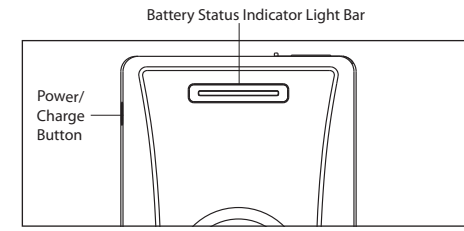**Note**: In extreme cold weather conditions, please store indoors for best results.

2

Under abusive conditions, liquid may be ejected from the battery; avoid contact. Liquid ejected from the battery may cause irritation or burns. **Note**: If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.

♻ The CPP8500 is supplied with a rechargeable Li-Cobalt battery. When charging the JumPack work in a well ventilated area and do not restrict ventilation in any way. Proper charging practices will increase the life of the batteries. The unit and battery must be disposed of properly when it no longer holds a charge. Proper charging practices will increase the life of the batteries. For information on battery recycling call toll free 800-822-8837.

CAUTION: This device is not intended for use in a commercial repair facility.

Precautions when working with vehicle batteries:

⚠ **WARNING: Explosion and fire hazard**

1. Follow all instructions published by the battery manufacturer and the manufacturer of the equipment in which the battery is installed.
2. Make sure the area around the battery is well-ventilated.
3. Never smoke or allow a spark or flame in the vicinity of the engine or batteries.
4. Be careful not to drop a metal object on the battery or allow a metal tool to simultaneously touch the positive and negative cable ends or battery terminals.
5. Remove personal metal items such as rings, bracelets, necklaces, and watches when working with batteries. Batteries produce a short-circuit current high enough to weld a ring or other similar objects to metal, causing a severe burn.
6. If you need to remove a battery, always remove the negative terminal from the battery first. Make sure all accessories are off to prevent causing a spark.
7. Someone should be within range of your voice, or close enough to come to your aid when you work near batteries.
8. Have plenty of fresh water, soap and a supply of baking soda on hand in the area of the batteries in case of contact with battery acid. Baking soda neutralizes lead acid battery electrolyte.

3

Product:

Battery Status Indicator Light Bar
Power/Charge Button
Wireless Charge Pad
USB 5V / 9V Output
JUMP CABLE
Jump Starter Cable Input
5V / 9V Charge Input
Smart Jumper Cables With Clamps
Micro USB to Standard USB Cable

Operation:

Recharging the JumPack:
The CPP8500 can be quickly recharged with the supplied micro USB to standard USB cable connected to a 5V/9V Quick Charge™ compatible 2.0 USB source, laptop or USB output AC adaptor (not included).

When the JumPack is charging, the Battery Status Indicator Light Bar will show the current battery charge level. The last section of the light bar that is lit will blink to show that the JumPack is charging. When the JumPack is fully charged the light bar will turn off automatically.

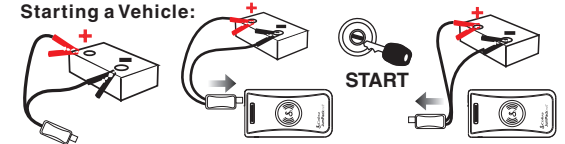For best battery performance the JumPack should be fully recharged every 3 months.

OR

Laptop

(AC adapter not included)

3

Check Battery Capacity:

To check the battery capacity of the JumPack press the Power/Charge Button on the left side of the unit with no device connected. The green lightbar will show the remaining battery capacity.

Battery Status Indicator Light Bar
Power/Charge Button

1st Section on: 10%-40% charge

2nd Section on: 40%-65% charge

3rd Section on: 65%-85% charge

4th Section on: 85%-100% charge

Note: When charging a device the section light may decrease. The battery capacity indicator cannot accurately measure the capacity during rapid charging. To confirm the real battery capacity, disconnect the device being charged and press the Power/Charge Button.

4

Starting a Vehicle:

START

1. Make sure the JumPack is fully charged.
2. Turn off all the accessories on the vehicle.
3. Connect the RED clamp to the POSITIVE post of the battery and the BLACK clamp to the NEGATIVE post of the battery.
4. Connect the battery cables into the jump cable port. Be sure that the plug is firmly pressed into the Jump Starter Cable Input.
5. Check the tricolor status LED on the jumper cables. When the LED is green the JumPack is ready to start the vehicle.
6. Turn the ignition key to start the vehicle. Do not crank the ignition for more than **3 SECONDS**.

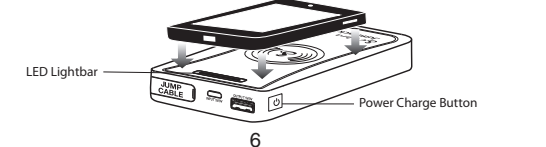**NOTE:** If your car does not start after 3 attempts, consult with a mechanic.

If the engine starts;

7. Disconnect the cables from the JumPack, then from the battery posts.
8. Leave the engine running for at least twenty minutes to allow the vehicle battery to recharge.
9. If the vehicle does not start on the first try, **WAIT FOR 1 MINUTE** before trying to start the vehicle again.

5

Charging a USB Device:

To charge a USB device, connect the device's cable to the JumPack's USB 5V/9V Output.

The JumPack will turn on and start charging the device automatically. The green light bar will indicate the device is charging.

Once the device reaches its charge capacity and ceases charging, the light bar will turn off.

Note: When charging a device the section lit may decrease because the JumPack cannot accurately measure the capacity during rapid charging. To confirm the actual battery charge level, disconnect the device being charged and press the Power/Charge Level Button.

Note: Some smartphones and portable devices use Qualcomm Quick Charge® technology that allows fast charging. The JumPack is compatible with Quick Charge devices. The JumPack can be recharged with a Quick Charge adapter (not included).

Charging a Device with the Wireless Charge Feature:

1. Make sure the JumPack is fully charged.
2. Press and release the Power Charge Button on the side of the JumPack. (The LED lightbar will show the capacity of the JumPack).
3. Place the smartphone on top of the JumPack with the screen facing up.
4. The smartphone will begin to charge.
5. Once the device is fully charged or removed the JumPack will stop charging and shut down.

LED Lightbar
Power Charge Button

6

Charging a USB Device:

To charge a USB device, connect the device's cable to the JumPack's USB 5V/9V Output.

The JumPack will turn on and start charging the device automatically. The green light bar will indicate the device is charging.

Once the device reaches its charge capacity and ceases charging, the light bar will turn off.

Note: When charging a device the section lit may decrease because the JumPack cannot accurately measure the capacity during rapid charging. To confirm the actual battery charge level, disconnect the device being charged and press the Power/Charge Level Button.

Note: Some smartphones and portable devices use Qualcomm Quick Charge® technology that allows fast charging. The JumPack is compatible with Quick Charge devices. The JumPack can be recharged with a Quick Charge adapter (not included).

Charging a Device with the Wireless Charge Feature:

1. Make sure the JumPack is fully charged.
2. Press and release the Power Charge Button on the side of the JumPack. (The LED lightbar will show the capacity of the JumPack).
3. Place the smartphone on top of the JumPack with the screen facing up.
4. The smartphone will begin to charge.
5. Once the device is fully charged or removed the JumPack will stop charging and shut down.

LED Lightbar

Power Charge Button

6

Product Features:
- 360 Amp Peak Current Jump Starter.
- Wireless Device Charging
- Rapidly charge your Quick Charge™ - compatible devices 78% faster.
- Rechargeable by Quick Charge compatible USB adaptors.

Product Specifications:
- Li-Cobalt rechargeable battery: 11.1V/22.2Wh
- Size: 5.67" L x 3.07" W x 0.94" H
- Weight: 0.63 lbs.
- Recharge times: 2.8 hours with standard USB charger
                            1.5 hours with a fast charge adaptor
- Starting/Peak Current: 180 Amps / 360 Amps
- USB Output: Works with Quick Charge
                            compatible-devices
- USB Input: Works with Quick Charge
                            compatible-devices

Troubleshooting: Wireless Charging

PROBLEM	SOLUTION
Phone does not charge wirelessly when placed on top of the JumPack mini.	a. Confirm your phone is Wireless Charging-compliant.
	b. Ensure that your phone is turned on.
	c. Ensure the JumPack mini internal battery is fully charged.
	d. Place your phone on top of the JumPack mini with front side aligned and centered on the Cobra snake logo.
	e. Push and release the Power Charge Button on the other side of the JumPack to start the wireless charge.

7

Troubleshooting: USB Charging

PROBLEM	SOLUTION
Phone does not charge when connected to the JumPack USB output.	a. Ensure the JumPack mini internal battery is fully charged.
	b. Ensure the USB cable is in working condition (try another USB cable if necessary).
	c. If the JumPack mini is too hot, place it in a cool location and wait for the unit to cool down.
	d. Faulty connected device. Test with another USB device known to be in working condition such as a smartphone to confirm USB output port is operating correctly.

Troubleshooting: Re-charging the JumPack

PROBLEM	SOLUTION
JumPack mini won't re-charge.	a. Confirm the USB power supply and cable are working by testing with a working smartphone.

Troubleshooting: Jump Starting

PROBLEM	SOLUTION
Engine won't start when connected to the JumPack mini.	a. Ensure the JumPack mini internal battery is fully charged.
	b. Poor battery terminal connection. Make sure the battery connection terminals are in direct contact with the JumPack mini clamps. Move them slightly on the same terminal and make sure there is no corrosion or similar impeding contact.
	c. Vehicle battery is completely discharged. The JumPack mini does not detect any battery voltage. Not safe to jump start with the battery in bad condition.

8

Troubleshooting: Jump Starting continued

PROBLEM	SOLUTION
Engine won't start when connected to the JumPack mini.	d. Engine starts with the JumPack but fails to continue running. Vehicle battery may be in poor condition. If the engine fails to run after a second jump start and there are no other means to jump start the vehicle then leave the JumPack mini continuously connected to the battery until the JumPack mini's internal battery is completely discharged. Try to start the vehicle. If the vehicle fails to start or run normally, consult with a mechanic.

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.

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

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

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

WARNING: Any modifications made to this device that are not expressly approved by party responsible for compliance could void the user's authority to operate this device.

9

Limited 1-Year Warranty:

For Products Purchased in the U.S.A.

Cobra Electronics Corporation warrants that its Cobra CPP8500 JumPack USB Charger, and the component parts thereof, will be free of defects in workmanship and materials for a period of one 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 USB charger, 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, this warranty gives you specific rights, and you may also have other rights which vary from state to state.

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 damages; 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.

For Products Purchased Outside The U.S.A.

Please contact your local dealer for warranty information.

10

Product Service:

For any questions about operating or installing this new Cobra product, or if parts are missing…**PLEASE CALL COBRA FIRST**…do not return this product to the store. If this product should require factory service, please call Cobra before sending the product. This will ensure the fastest turn-around time on any repair. If Cobra asks that the product be sent to its factory, the following must be furnished 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 of a sales receipt. Make sure the date of purchase and product model number are clearly readable. If the originals are sent, they cannot be returned;
2. Send the entire product;
3. Enclose a description of what is happening with the product. Include a typed or clearly printed name and address of where the product is to be returned, with phone number (required for shipment);
4. Pack product 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 Priority Mail with delivery confirmation to avoid loss in transit to: Cobra Factory Service, Cobra Electronics Corporation, 6500 West Cortland Street, Chicago, Illinois 60707 U.S.A.;
6. If the product is in warranty, upon receipt of the product it will either be repaired or exchanged depending on the model. Please allow approximately 3 – 4 weeks before contacting Cobra for status. If the product is out of warranty, a letter will automatically be sent with information as to the repair charge or replacement charge.

For any questions, please call 773-889-3087 for assistance or visit us online at www.cobra.com.

The product label is located on the bottom of the unit.

11

Customer Support & Trademarks:

Customer Support

Should there be any problems with this product or further information needed on its features please visit www.cobra.com for support, frequently asked questions, Declarations of Conformity, and the electronic manual. For warranty and customer service information please contact the seller.

WEEE

For European Community Users

Cobra Electronics Corporation complies with Directive 2012/19/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 4 JULY 2012 on waste electrical and electronic equipment (WEEE).

Waste Electrical and Electronic Equipment Information

This product has required the extraction and use of natural resources for its production. It may contain hazardous substances that could impact health and the environment, if not properly disposed. In order to avoid the dissemination of those substances in our environment and to diminish the pressure on the natural resources, we encourage you to use the appropriate take-back systems for product disposal. Those systems will reuse or recycle most of the materials of the product you are disposing in a sound way.

The crossed out wheeled bin symbol informs you that the product should not be disposed of along with municipal waste and invites you to use the appropriate separate take-back systems for product disposal.

If you need more information on the collection, reuse and recycling systems, please contact your local or regional waste administration.

You may also contact your supplier for more information on the environmental performances of this product.

Trademark Statement

Cobra® and the snake design are registered trademarks of Cobra Electronics Corporation, USA.

Cobra Electronics Corporation™ is a trademark of Cobra Electronics Corporation,USA.

Qualcomm Quick Charge® is a trademark of Qualcomm Incorporated.

Other trademarks and trade names are those of their respective owners.

12