

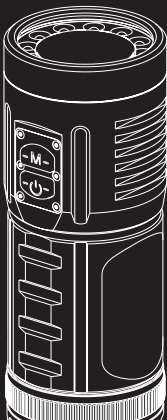


VOLCANO 880 LUMEN
CAMPING LED FLASHLIGHT

FC-B45RBW

USER MANUAL

VULTA™



Thank you for choosing Vulta.

Designed for camping and hunting applications, as well as emergency scenarios, the Vulta FC-B45RBW is a high-output flashlight that produces a maximum 880 lumens of bright white light capable of penetrating deep into the woods. In addition to the main CREE XM-L2 LED, the FC-B45RBW is equipped with an array of secondary LEDs that provide red or blue light, which is perfect for reading maps, tracking animals, and illuminating paths when your eyes are adjusted to the dark.

The FC-B45RBW employs a dual-button side-switch system to engage a total of eleven modes. Seven constant-output modes range from 1 lm Firefly mode to 880 lm Turbo mode, plus red and blue constant outputs. There are also SOS and three strobe modes, including alternating red and blue strobes for emergency signaling and communication.

Crafted from MIL-SPEC Type III hard anodized aluminum alloy, and boasting a waterproof rating of IPX-8, the FC-B45RBW is a rugged tool that will withstand harsh environments. The flashlight's primary LED is housed in a deep, smooth reflector to maximize throw distance, ensuring the brilliance of a powerful searchlight in a body that's compact enough to fit in your coat pocket.

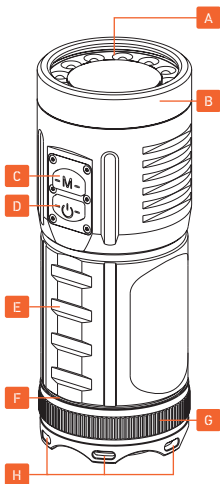
PRECAUTIONS ⚠️⚡

- Please read and follow these instructions and keep this manual in a safe place.
- This flashlight is extremely bright and can cause temporary or even permanent blindness. Do not shine the flashlight in the eyes of any person or animal. When turning on the flashlight, make sure to point it down or away from you and anyone else.
- The surface of this product can become hot after prolonged use. Be careful when touching it and make sure to keep it away from anything flammable or combustible.
- Do not stand the flashlight upright on its lamp head when powered on. In this position, the lamp head can become dangerously hot and damage the flashlight and anything nearby.
- Never leave the flashlight unattended when it is powered on.
- Before storage and transportation, make sure to lock the flashlight according to the instructions in this manual. Before long-term storage, remove the batteries to avoid leakage.
- This product is compatible only with alkaline, NiCd, or NiMH AA batteries. It is not compatible with lithium (disposable or rechargeable) AA batteries.

- Always install AA batteries of the same type, brand, and age. Do not combine different types or brands, or old and new batteries. This can cause the batteries to leak, overheat, or explode.
- Install the batteries in the proper orientation as indicated by the instructions in this manual.
- This product is waterproofed for freshwater only. If it comes into contact with salt water, immediately dry the flashlight and remove the batteries, reassemble, and rinse with freshwater. Dry thoroughly and install new batteries.
- Do not attempt to disassemble or repair this product. It is dangerous and will also void the warranty.
- Keep this product away from children. Do not leave children unattended near this product.
- Use only parts provided by the manufacturer.
- Make sure that this product is intact and that there are no missing parts.
- To avoid damage to this product, be careful not to overtighten or improperly thread any of the threaded fittings.
- All photos are for illustrative purposes only.

PRODUCT DIAGRAM

- A LEDS
- B LAMP HEAD
- C MODE BUTTON
- D POWER BUTTON
- E GRIP
- F O-RING
- G TAILCAP
- H LANYARD EYELETS



Also Included:

- | | |
|---------------------|-----------------------------|
| ■ DIFFUSER CAP | ■ USER MANUAL |
| ■ LANYARD | ■ TWO-YEAR LIMITED WARRANTY |
| ■ SPARE O-RING (x2) | |

VULTA VOLCANO

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INSTALLING BATTERIES

The FC-B45RBW is powered by four AA batteries—either alkaline, NiCd, or NiMH.

Note: Make sure to load the batteries with the positive and negative terminals facing the proper directions. The FC-B45RBW has a reverse-polarity protection circuit that prevents damage due to improper battery installation, but the flashlight will not turn on if the batteries are oriented incorrectly. Lithium batteries are not recommended for this flashlight.

To install batteries, follow these steps:

1. Make sure that the flashlight is turned off.
2. Unscrew and remove the tailcap from the flashlight.
3. Insert the batteries in the proper orientations according to the + and - symbols on the inside of the tailcap.
4. Align the tailcap's pins with the corresponding holes, and screw the tailcap onto the flashlight until fully tightened.

OPERATION

The FC-B45RBW employs a dual-button side-switch system to turn on the flashlight and engage a total of eleven modes.

POWERING ON THE FC-B45RBW

To turn on the FC-B45RBW, press the Power button. Upon powering on, the flashlight will enter Turbo mode for 3 minutes before entering High mode. The next time you power on the flashlight, it will enter the most recent normal (noncolor) constant-output mode, including Firefly mode.

SETTING THE MODE

Turbo/High/Medium/Low: In addition to Turbo mode, there are High, Medium, and Low constant-output modes. Turbo is the highest output but will switch to High mode after three minutes in order to avoid overheating. Press the Mode button to cycle through these four constant-output modes in descending order of brightness.

Firefly Mode: In Firefly mode, the flashlight will emit 1 lm of light in constant output. This is the lowest power setting on the FC-B45RBW and will remain in effect until you turn off Firefly mode. To enter Firefly mode,

start with the flashlight either turned off or in any normal (noncolor) mode. Press and hold the mode button for approximately two seconds until Firefly mode activates. To exit this setting, press the Mode button. To turn the flashlight off, press the Power button.

SOS: In SOS mode, the flashlight will blink brightly in the international Morse code distress signal pattern (· · · — — — · · ·). To enter SOS mode, start with the flashlight powered on, and then double-press the Mode button. To turn the flashlight off, press the Power button. To enter a constant-output mode, press the Mode button.

Strobe: Strobe mode continuously emits quick flashes of bright light. To enter Strobe mode, quickly double-press the Power button in any mode, even if the flashlight is turned off. To turn the flashlight off, press the Power button. To enter a constant-output mode, press the Mode button.

COLOR MODES

The FC-B45RBW is equipped with an array of six red and six blue LEDs along the circumference of the lamp head. You can set the flashlight to produce a constant red or blue light, an alternating red and blue strobe,

or an alternating red and blue strobe with a bright white pulse.

To enter Color mode, start with the flashlight turned off. Press and hold the power button for approximately two seconds, until the flashlight emits a constant red beam.

To cycle through the color modes, press the mode button repeatedly.

To turn off the flashlight, press the power button.

ELECTRONIC LOCK-OUT

The electronic lock-out feature prevents accidental activation during storage and transport.

To lock out the FC-B45RBW, press and hold the Mode and Power buttons for approximately two seconds, until the light emits a series of quick, bright flashes.

Repeat these steps to unlock and turn on the flashlight.

THE DIFFUSER CAP

The included diffuser cap softens the light from the FC-B45RBW, which is ideal for illuminating a small, enclosed environment like a tent or a car.

To install the diffuser cap, slowly fit it onto the lamp head. It may help to rotate the cap slightly while attaching it.

THE LANYARD

You can attach and wear the included lanyard to help prevent accidental drops and to free up a pocket. To attach the lanyard, thread it through one of the lanyard eyelets on the flashlight's tailcap.

O-RING MAINTENANCE

The FC-B45RBW's O-ring is installed on the threaded portion to help seal out water. The O-ring is prelubricated to extend its lifetime, ensure smooth operation, and increase water resistance. If the O-ring dries out or there is little or no lubricant remaining, we recommend applying a small amount of O-ring lubricant.

The FC-B45RBW comes with two replacement O-rings. If the original wears out after long-term use, replace it with one of the included spares.

SPECIFICATIONS

OUTPUT	Turbo, Strobe, SOS: 880 lm High: 500 lm, Medium: 200 lm Low: 60 lm, Firefly: 1 lm Red: 28 lm, Blue: 20 lm
BEAM INTENSITY	13,200 cd
LED TYPE	Primary: CREE XM-L2 Secondary: Six red, six blue
POWER SOURCE	Four AA batteries (alkaline, NiCd, NiMH; lithium batteries not recommended)
WORKING VOLTAGE	2.8–6 V
RUNTIME	Turbo: Automatically switches to High after 3 min. of continuous use High: 1.6 hr., Medium: 5 hr. Low: 13 hr., Firefly: 450 hr. Red: 11 hr., Blue: 15 hr.
CONSTRUCTION	Body: MIL-SPEC Type III hard anodized aerospace-grade aluminum alloy Lens: Tempered glass
IMPACT RESISTANCE	Up to 6.5' (2 m)
WATERPROOFING	IPX-8 standard, up to 6.5' (2 m) submersion
EFFECTIVE RANGE	755' (230 m)
DIMENSIONS	Length: 4.25" (10.8 cm) Head diameter: 1.6" (4.1 cm) Tail diameter: 1.5" (3.9 cm)
WEIGHT	Without batteries: 6.4 oz. (181 g) With batteries: 9.9 oz. (280 g)



TWO-YEAR LIMITED WARRANTY

This VULTA product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of two (2) years from the original purchase date or thirty (30) days after replacement, whichever occurs later. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by the warranty provider. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, THE WARRANTY PROVIDER MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Vulta Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Vulta along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information or to arrange service, visit www.vultagear.com or call Customer Service at 212-594-2353.



Product warranty provided by the Gradus Group.
www.gradusgroup.com

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