

*User's Guide for*  
**Forever Flashlight™\*\***  
**EZ Crank Extreme**

**EXCALIBUR**

**ELECTRONICS, INC.**



[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)

Model No. H623

**C**ongratulations on your purchase of the Forever Flashlight EZ Crank Extreme from Excalibur Electronics, Inc. Your Forever Flashlight EZ Crank Extreme is the perfect accessory for your next outdoor adventure and it will never let you down. At home, in the car, in your camper or boat or storm emergency kit, the Forever Flashlight EZ Crank Extreme is always ready, even if you have not used or checked it for years!

Your Forever Flashlight EZ Crank Extreme is easy to use, but be sure to use it safely. Before starting, please read this manual thoroughly, especially noting safety and care. Keep this manual for reference.

This package includes one Forever Flashlight EZ Crank Extreme, the Nokia charging cable and its user's guide.



The legendary King Arthur brandished a magic sword, Excalibur, from which we take our company name. With this unique weapon in his hands, he could not be vanquished.

Although Excalibur Electronics can't claim the magical secrets of Merlin, King Arthur's court wizard, sometimes our patented technology may make it seem as if we could.

We make you think.

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## Layout of Forever Flashlight EZ Crank Extreme



PLEASE SEE  
DIAGRAM ON PAGE 10  
FOR LOCATION OF  
WRISTBAND AND  
ON/OFF BUTTON

## Features

*Our Forever Flashlight EZ Crank Extreme combines an LED flashlight and crank handle charging into one handy unit. This unit can be recharged by spinning the built-in generator to recharge the internal battery for optimum charging.*

- Rechargeable batteries. This model does not need an external power source. Instead it can be recharged by spinning the built-in generator to recharge the internal battery for optimum charging.
- Super-bright LED visible for over a mile.
- Zero maintenance required.
- Water resistant.
- Cell phone charging option (comes with Nokia cable and the connector set is available for \$7.95 and suitable for over 300 of the most popular cell phone models all over the world).

## How to Use

### *Charging the Forever Flashlight EZ Crank Extreme*

Your Forever Flashlight EZ Crank Extreme never needs a battery. It is charged by winding the handle on the unit. For best results, follow these steps in charging:

1. Turn the unit off.
2. Hold the unit parallel to the ground and wind the handle three to five minutes. It is recommended to charge your flashlight for three to five minutes either before the first time you use the Forever Flashlight EZ Crank Extreme or after a long period of non-use of your flashlight.

NOTE: While winding the handle of the Forever Flashlight EZ Crank Extreme an indicator light will be on. This will signify that the charging is in the process.

Your Forever Flashlight EZ Crank Extreme will provide you with up to thirty minutes of light when charged by winding the unit for one minute. If the unit is completely drained of energy, you should wind the unit again three to five minutes.

### *Using the Flashlight*

Your Forever Flashlight EZ Crank Extreme includes an ultra bright LED.

This energy saving light uses minimal power consumption. To use the flashlight, first, press the **ON/OFF** button so the light function is turned on.

### *Charging Your Cell Phone*

Your Forever Flashlight EZ Crank Extreme also has a great additional feature –you can charge your cell phone anywhere you are located. For best results follow these steps in charging your phone:

1. Wind your Forever Flashlight EZ Crank Extreme's handle for one minute prior to plugging your phone charge cord in.
2. Connect the phone charge cable into the **DC** outlet.

3. Plug the other end of your phone charge cord into your personal cell phone.

4. Once phone is plugged into its charge cord, continue winding the unit for one minute. During the charging a charge signal light will appear. Once charging is complete, the unit will provide up to two minutes of talking time with this process. The phone's cell life can also be extended by continuing the winding during the phone's use.

## Specifications

### The Multi-Function Flashlight:

- Outer dimension: 6.69" x 2.30" x 2.26"
- Weight: .582 lbs
- Maximum power consumption: 0.6W (This excludes the charging function).
- Voltage: 3.6V-4.0V (This excludes the charging function).
- Maximum current: 150mA (This excludes the charging function).

### Hand-Winding Power Generation Function:

- Recharge battery type: 3\*2/3AA 600mAh3.6V NIMH
- Hand-winding power: 130 rpm or faster
- Voltage: 5.6 DC.
- Maximum current: 1300±50mA

### LED Flashlight:

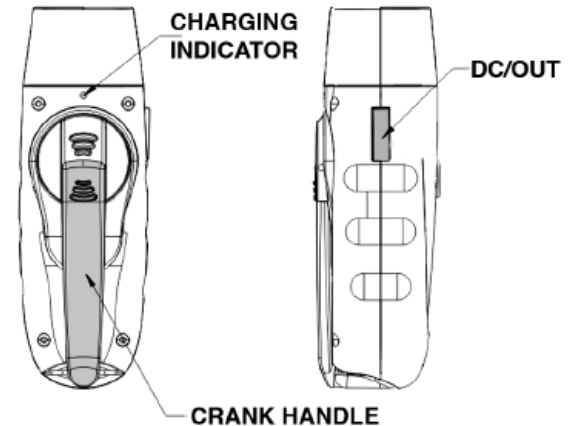
- Voltage: 3.2 V-3.8 V
- Current: 150mA
- Power consumption: 0.6W.

## Functions of Knobs and Buttons

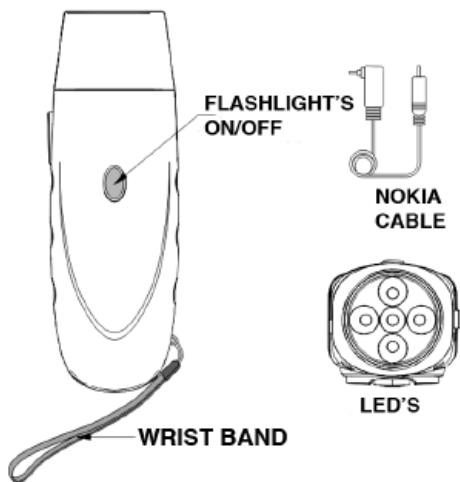
**CRANK HANDLE:** Turn clockwise to generate power.

**LIGHT:** Press to turn the light function **ON** or **OFF**.

**EZ CRANK POWER OUTLET JACK (DC OUTLET):** Connects to external devices such as cell phones to recharge.



## Functions of Knobs and Buttons (Continued)



## Caution

- Forever Flashlight EZ Crank Extreme generates a strong magnetic field that surrounds it. Keep the unit at least one foot away from medical devices, computers, magnetic storage media, or other devices such as:
  - Pacemakers
  - Credit cards
  - Cassette tapes
  - Televisions
  - Computer discs
  - Video tapes tube (CRT)
  - Any device with a cathode ray
- Do NOT attempt to remove the Light Emitting Diode (LED) or any internal part.
- Do NOT attempt to point the light into the human eye directly. This strong light may cause physical damage to an eye.

**NOT ALL CELL PHONES USE THE SAME CURRENT TO CHARGE THE CELL PHONE. THIS DEVICE OUTPUTS 400MA. YOU MUST CHECK YOUR CELL PHONE MANUAL TO MAKE SURE THAT THE CHARGING CURRENT FOR YOUR CELL PHONE WILL CHARGE BELOW 400MA. EXCALIBUR ELECTRONICS, INC. IS NOT RESPONSIBLE FOR ANY DAMAGE TO YOUR CELL PHONE IF A DIFFERENT CHARGING CURRENT IS REQUIRED.**

## Special Care & Handling

- Always turn off the flashlight when charging.
  - Do not charge for more than 24 hours straight. This could damage the unit's recharging system.
  - Avoid rough handling such as bumping or dropping.
  - Avoid extreme temperatures. For best results, use between the temperatures of 39° F and 100° F (4° C and 38° C).
  - Clean only using a slightly damp cloth. Do not use cleaners with chemical agents.
  - Do not expose your Forever Flashlight EZ Crank Extreme to direct sunlight or other heat source for any length of time.
  - Clean the lens with glass-cleaning products.
  - Do not use petroleum distillates (such as gasoline or kerosene) or solvents such as acetone to clean any part of the Forever Flashlight EZ Crank Extreme.
- \*\* This product uses rechargeable batteries for energy storage that may eventually need to be replaced after extended use.

*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 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.*

*Excalibur Electronics reserves the right to make technical changes without notice in the interest of progress.*

## LIMITED 90-DAY WARRANTY

EXCALIBUR ELECTRONICS, INC., warrants to the original consumer that its products are free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, EXCALIBUR ELECTRONICS, INC., will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to the factory address shown at right.

The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect,

wear and tear, inadequate maintenance, commercial use, or unreasonable use of the unit. Removal of the top panel voids all warranties. This warranty does not cover cost of repairs made or attempted outside of the factory.

Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do

not allow exclusion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply. The only authorized service center in the United States is:

**Excalibur Electronics, Inc.**

**13755 SW 119th Ave  
Miami, Florida 33186  
U.S.A.**

**Phone: 305.477.8080**

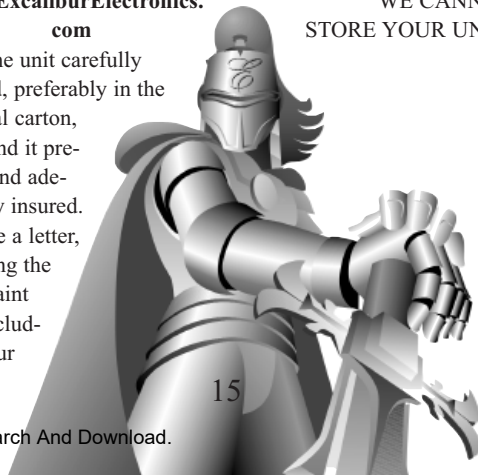
**Fax: 305.477.9516**

**www.ExcaliburElectronics.  
com**

Ship the unit carefully packed, preferably in the original carton, and send it prepaid, and adequately insured. Include a letter, detailing the complaint and including your

daytime telephone number, inside the shipping carton. If your warranty has expired and you want an estimated fee for service, write to the above address, specifying the model and the problem.

PLEASE DO NOT SEND  
YOUR UNIT WITHOUT  
RECEIVING  
AN ESTIMATE  
FOR SERVICING.  
WE CANNOT  
STORE YOUR UNIT!





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WE MAKE YOU THINK

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