

# FACTOR

## MIZPAH 250 USER MANUAL

### SPECIFICATIONS:

**Performance:** Maximum output of 250 lumens, maximum runtime of 5 hours. Four modes of output, plus Strobe

**Size:** Length: 5" Head: 0.57" Diameter: 0.55"

**Weight:** 0.9 oz. (24.2g) excluding batteries

**Battery:** Two AAA batteries (alkaline or Ni-MH)

**Includes:** Mizpah 250 flashlight, two AAA battery, user manual, coated steel pocket clip, and two spare o-rings

### FEATURES:

- Utilizes high performance CREE XP-G2 LED with a life of 50,000 hours
- Glass Lens with double-sided anti-reflective coating
- Body is corrosion resistant, military-grade, CNC machined, aircraft-quality Type III hard anodized aluminum alloy
- Removable coated steel pocket clip
- Waterproof to IPX-8 standard, 2 meters for 30 minutes
- Aluminum tail-switch operation; turns light on/off and switches modes
- Recall memory function allows the light to turn on in the last mode used
- Digitally regulated output maintains constant brightness

### OUTPUT & RUNTIMES:

1. Stated performance has been measured according to the international flashlight ANSI/NEMA testing standards. The performance may vary due to different batteries and different environment conditions.
2. When in Blast mode for extended periods of time, the light will automatically power down to 80% of Blast output. This feature is designed to protect and reduce heat in the flashlight.
3. This light will operate as advertised on alkaline batteries. However, for optimum performance we recommend using Ni-MH or non-rechargeable Lithium.

ANSI/FSC	Low	Medium	High	Blast
OUTPUT LUMENS	40	107	205	250
RUNTIME	5h	2h	56min	51min
DISTANCE	190ft. (58m)			
MAXIMUM INTENSITY	840cd (Max)			
IMPACT RESISTANCE	1m			
WATERPROOF	IPX-8, underwater 2m			

### WARNING:

Please avoid shining this light directly into anyone's eyes. This is a high-intensity lighting device, capable of causing damage to eyes.

## **OPERATION:**

### **Battery Installation**

Loosen and remove head of flashlight and insert the two included AAA battery.

1. Insert battery into the flashlight with positive (+) towards the head of the flashlight.
2. The flashlight won't light up if the battery's end is reversed.

### **On/Off**

- Fully press the tail switch to turn the light ON/OFF.
- There is no momentary on function.

### **Mode Selecting**

- With the flashlight on, half press the tail switch to cycle through different brightness levels from Blast→High→Mid→Low→Strobe.

### **Recall Memory Function**

The Mizpah 250 memorizes the last mode (excluding flashing modes) used before turning it off. The next time the light is turned on, it will access the last mode used.

### **Store and Maintenance**

- To store or pack your flashlight, simply loosen the flashlight head a half turn to avoid accidental turn-on and possible battery leakage.
- See flashlight care instructions on [www.factorequipment.com](http://www.factorequipment.com)

## **THE FACTOR OATH**

All Factor employees pledge to support you to the point of satisfaction on all its products. We are committed to making sure our products are functioning as advertised, and all your inquiries are addressed.

## **WARRANTY**

Factor provides a Limited Lifetime Warranty on all its products against defects in materials or workmanship.

### **Unwarrantable**

1. Damage, destruction, disassembly and unauthorized intentional modifications
2. Damage due to improper storage or battery leakage.

## **SERVICE**

1. Contact us by email at [support@factorequipment.com](mailto:support@factorequipment.com) or go to [www.factorequipment.com/contact-support/](http://www.factorequipment.com/contact-support/)
2. Any product update information will be displayed on [www.factorequipment.com](http://www.factorequipment.com). Factor Equipment reserves the right to update its products and communicate these updates via the website.

## **BATTERY SPECIFICATIONS**

Type of Battery	Description	Voltage	Recommendation
Ni-MH Battery	AAA	1.2V	Recommended
Lithium Battery (non-rechargeable)	AAA	1.5V	Recommended
Alkaline Battery	AAA	1.5V	Recommended
Li-ion Rechargeable Battery	10440	3.7V	Do not use.