

Manuals.plus /

› Blackfire /

› Blackfire by Klein Tools BBM950 Rechargeable LED Work Clamp Light User Manual

## Blackfire BBM950

# Blackfire by Klein Tools BBM950 Rechargeable LED Work Clamp Light User Manual

Model: BBM950

## INTRODUCTION

The Blackfire by Klein Tools BBM950 is a versatile 150-Lumen rechargeable LED work light designed for various applications. It features an advanced clamping mechanism, a pivoting light head for directional illumination, and the ability to stand freely or hang using its integrated hook. This manual provides essential information for the safe and effective use of your work light.

## SAFETY INFORMATION

- Read all instructions before use.
- Do not look directly into the LED light source to avoid eye injury.
- Keep the device away from water and moisture.
- Do not attempt to disassemble or modify the unit. This may void the warranty and pose a safety risk.
- Use only the provided or recommended charging accessories.
- Store in a cool, dry place when not in use.

## PACKAGE CONTENTS

Please check the package for the following items:

- Blackfire BBM950 Rechargeable LED Work Clamp Light
- AC Adapter
- DC Adapter (Car Charger)
- Charging Cord

## SETUP

### 1. Initial Charge

Before first use, fully charge the work light. Connect the charging cord to the light's charging port and then to either the AC adapter for wall charging or the DC adapter for car charging. The light can operate while charging.

## 2. Inspection

Inspect the unit for any visible damage before use. Ensure all components are securely attached.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off and Brightness Adjustment

Locate the power switch on the side of the light. This unit features 2-way switching. Press the switch to cycle through brightness levels (if applicable) and to turn the light on or off.





Figure 1: Top view showing the power switch and charging port.

## 2. Clamping the Light

The integrated clamp allows the light to be securely attached to various objects. Press the green button on the side of the clamp to open the jaws. Position the clamp onto the desired surface and release the button to secure it. Ensure the clamp has a firm grip before releasing the light.





Figure 2: The work light clamped to an object.

### 3. Adjusting the Light Head

The light head pivots left, right, and rotationally. Gently adjust the head to direct the light precisely where needed. Avoid excessive force when adjusting the pivot mechanism.



Figure 3: Light head pivoted for directional illumination.

#### 4. Using the Free-Standing Feature

When clamping is not possible, the work light can stand freely on a flat surface. Ensure the base is stable to prevent tipping.





Figure 4: The work light standing freely.

### 5. Using the Fold-Out Hook

For hanging the light, extend the fold-out hook located at the top of the unit. Hang the light from a suitable support.





Figure 5: The work light with its fold-out hook extended.

## MAINTENANCE

### 1. Cleaning

Wipe the exterior of the light with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the

charging port is free of dust and debris.

## 2. Battery Care

The unit uses a Lithium Polymer battery. For optimal battery life, avoid fully discharging the battery frequently. Recharge the light regularly, especially if it has been stored for an extended period.

## 3. Storage

Store the work light in a cool, dry environment, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

- **Light not turning on:** Ensure the battery is charged. Connect the light to a power source and try again.
- **Light not charging:** Check that the charging cable and adapters are securely connected. Try a different power outlet or USB port. Inspect the charging port for any damage or obstruction.
- **Pivoting mechanism is stiff or broken:** The pivoting mechanism is designed for smooth adjustment. Avoid applying excessive force. If the mechanism becomes stiff, try to gently work it. If it breaks, discontinue use and contact customer support.
- **Reduced brightness or short battery life:** The battery may be nearing the end of its lifespan or may not be fully charged. Ensure the light is fully charged before use.

## SPECIFICATIONS

<b>Model Number</b>	BBM950
<b>Brand</b>	Blackfire
<b>Light Source Type</b>	LED
<b>Lumen Output</b>	150 Lumens
<b>Power Source</b>	AC/DC Rechargeable
<b>Battery Type</b>	Lithium Polymer
<b>Voltage</b>	3.6 Volts
<b>Material</b>	ABS
<b>Item Weight</b>	0.1 Kilograms
<b>Dimensions (L x W x H)</b>	3"L x 3"W x 13"H

## WARRANTY AND SUPPORT

### Warranty Information

The Blackfire BBM950 Rechargeable LED Work Clamp Light comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

### Customer Support

For warranty claims, technical assistance, or any questions regarding your Blackfire product, please

contact Blackfire customer support. Refer to the product packaging or the official Blackfire website for the most current contact information.