

# REBEL

# Mactronic®

mactronic.co

AHL0061

/EN

## LED Headlight

### SPECIFICATION

Light Source	4 x SAMSUNG 2835 Cool White SMD LED + 4 x SAMSUNG 2835 Warm White SMD LED	
Lumens	400 lm	
Runtime and Operation Modes	HIGH	CW + WW - 400 lm - 2 h - 33 m
		CW - 230 lm - 3 h 45 min - 24 m
		WW - 204 lm - 3 h 45 min - 24m
		Red - 14 lm - 5 h 15 min - 5 m
	LOW	CW + WW - 40 lm - 7 h 30 min - 10m
		CW - 22 lm - 13 h - 6 m
		WW - 20 lm - 13 h - 6 m
		Red - 1 lm - 36 h 30 min - 2 m
	Red 1	Flashing*
	Red 2	SOS Mode **
Power Supply	Li-Poly 3,7V 600 mAh	
Dimensions	40.9 x 34.5 x 29.9 mm	
Weight	34 g	
IP	IPX4	
Charging time	3 h - 3,5 h	
Light range	33 m	

**\*\*/\*\* Flashing and SOS mode specifications cannot be measured by ANSI FL1 standard. Flashing mode runtime is based on measurement of battery capacity change only.**

Thank you for choosing a Mactronic product. Proper operation and maintenance guarantee the product's high durability and reliability. Please read the operating manual and keep it for reference, because it contains important information about safety and operation of the product.

### NOTICE

It is not recommended to use the flashlight for purposes other than intended. The manufacturer explicitly voids the warranty if the flashlight has been used for other than its intended purpose.

### FLASHLIGHT OPERATION

flashlight press the button on top of the housing. Press it again to cycle through light parameters: [Cold white + warm white]->[cold white]->[warm white]->RED 1->RED 2->OFF To adjust the brightness in white light modes: Hold the button for [CW+WW], [CW], [WW] and for the RED 1 mode. The power will be dropping steplessly down to the minimal value (double flash) and will then be rising steplessly up to the maximal value (double flash). Release the button when the power is satisfactory to you. The flashlight will memorize the adjusted brightness for each continuous mode. For the RED 2 mode, keeping the button depressed switches from the pulsating mode to the SOS mode. Activating the SOS mode will not store it in the flashlight's memory.

If the time between consecutive presses of the button exceeds 3 seconds, the flashlight will be deactivated.

\*The flashlight remembers the last selected mode. A deactivated flashlight will restart in the last selected mode (except for the SOS mode). \*The flashlight features a lock against accidental activation. Do engage / disengage the lock, press and keep depressed the button for around 3 seconds (only if the flashlight is deactivated!). If, after pressing the button, the diode:

- flashes twice in red - the lock is engaged or the diode is blocked (to unlock, press and keep the button depressed for around 3 seconds)

- flashes twice in green - the lock is disengaged.

\*When activated, the flashlight is continuous indicating the battery charge level with a diode in the button:

- green - the battery is full

- yellow - the battery is partially charged

- red - the battery is empty

\*Apart from a headband, the flashlight has a detachable clip for attaching it to belt loops, pockets or baseball caps.

### CHARGING

To recharge the flashlight, slide the charging socket cover away: a Micro-USB port in its bottom part. Connect the charging cable delivered with the flashlight to a mains charger, a PC USB socket or a Power Bank. Plug the second end of the cable into the flashlight's Micro-USB port, observing the correct orientation. The charging process is signalled with a red diode in the flashlight's button.

Once the battery has been recharged, the diode's colour changes from red to green. Once the battery has been recharged, unplug the cable and secure the charging port with the cover.

### CAUTION!

Make sure you use only genuine parts designed for Mactronic® flashlight.

Using spare parts from other manufacturers may affect the quality and parameters of the product. The rechargeable batteries used in this product may be subject to re-processing. Pursuant to the EU's WEEE regulation, storage batteries must not be disposed of with normal household waste. Instead, they must be disposed of at designated battery collection points. Contact the management of your local waste collection company for advice on the required ways and types of re-processing, or other instructions.

### GENERAL INFORMATION

Modifications and repairs:

Unless authorized by Mactronic in writing, any modifications and user attempts at home repairs will automatically void the warranty.

Mactronic warranty:

Mactronic covers the product with a 2-year warranty for any manufactured defects in material and/or workmanship. The warranty does not cover normal use, rust, unauthorized modifications, improper storage, damage from falls, improper handling, corrosion from leaking batteries and use of the lantern contrary to its intended purpose.

### WARRANTY CARD


The warranty card can be downloaded at [www.mactronic.co](http://www.mactronic.co)


### HANDLING AND USE OF RECHARGEABLE BATTERIES


To reduce the risk of fire, electrocution or other bodily harm, carefully read the flashlight's operating manual.

- Fully charge the flashlight during the first charging cycle (app. 3 hrs).
- Avoid discharging the Li-Ion batteries excessively. This may reduce the batteries' lifespan.
- There may be minor leaks of the alkaline electrolyte from batteries if they are discharged excessively. The evidence of the leak is the presence of a white powder that may negatively impact electric contact. Be careful when handling leaking batteries. The electrolyte is a highly corrosive substance and may cause burns or irritation to the skin and eyes.
- Once the battery has been discharged, recharge it fully again. If the flashlight is not in use, recharge the battery every quarter for maintenance purposes.
- Never lift the flashlight with its cables.
- Do not use the flashlight if faulty. Immediately replace the damaged power supply unit or cables.
- Do not attempt to repair the flashlight or charging cables by yourself. Have the damaged parts repaired by a suitably qualified service. Replace the cables if damaged.
- Only use the original battery packs recommended by the manufacturer.
- Do not place the flashlight or the battery in fire, even if damaged or worn, because they may explode.

- If the batteries are used with extreme loads or in extreme temperatures, small amounts of electrolyte may leak from their cells. Leaks like these are not equal to damaged batteries. If the cells leak and some electrolyte gets in contact with the skin, immediately wash the contaminated skin with water and soap.

	<b>[Correct disposal of batteries in this product]</b>
[Applicable in countries with separate collection systems] This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment. To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.	

	<b>Correct Disposal of This Product (Waste Electrical &amp; Electronic Equipment)</b>
[Applicable in countries with separate collection systems] This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.	

	<b>Transparency and Safety on European Markets</b>
The mark proves that the product in question conforms to EU health and safety standards, whether it's toys or construction machines. Our experts conduct an audit on your products based on the appropriate EU regulations, such as the low-voltage or electromagnetic compatibility directive. Your CE declaration of conformity means your product now has right of way onto the European market.	

/DE

## LED Strinlampe

### SPEZIFIKATION

Lichtquelle	4 x SAMSUNG 2835 Cool White SMD LED + 4 x SAMSUNG 2835 Warm White SMD LED	
Lumene	400 lm	
Leucht-dauer und Lichtmodi	HOCH	CW + WW - 400 lm - 2 h - 33 m
		CW - 230 lm - 3 h 45 min - 24 m
		WW - 204 lm - 3 h 45 min - 24m
		Red - 14 lm - 5 h 15 min - 5 m
	NIEDRIG	CW + WW - 40 lm - 7 h 30 min - 10m
		CW - 22 lm - 13 h - 6 m
		WW - 20 lm - 13 h - 6 m
		Red - 1 lm - 36 h 30 min - 2 m
	Red 1	Blinkend mode*
	Red 2	SOS Modus **
Energieversorgung	Li-Poly 3,7V 600 mAh	
Größe	40.9 x 34.5 x 29.9 mm	
Gewicht	34 g	
IP	IPX4	
Ladezeit	3 h - 3,5 h	
Leuchtwerte	33 m	

**\*\*/\*\*Blink- und SOS-Modus-Spezifikationen können nicht nach ANSI FL1-Standard gemessen werden. Die Laufzeit des Blinkmodus basiert nur auf der Messung der Akku-kapazitätsänderung**

Vielen Dank, dass Sie sich für ein Mactronic-Produkt entschieden haben. Eine ordnungsgemäße Bedienung und Wartung gewährleisten eine hohe Lebensdauer und Zuverlässigkeit. Bitte lesen und behalten Sie dieses Handbuch zum späteren Gebrauch, da es wichtige Informationen zum sicheren Betrieb und Nutzung enthält

### HINWEIS

Bestimmungswidrige Nutzung der Taschenlampe wird nicht empfohlen. Der Hersteller nimmt die Garantie ausdrücklich zurück, wenn die Taschenlampe bestimmungswidrig benutzt wird.

### BEDIENUNG

Um die Taschenlampe einzuschalten, drücken Sie die Taste an der Oberseite des Gehäuses. Nachfolgendes Drücken der Taste schaltet den Modus entsprechend der Reihenfolge der Lichtparameter um: [Weiß Kalt+Weiß Warm]->[Weiß Kalt]->[Weiß Warm]->RED 1 Modus->RED 2 Modus->AUS. Zur Einstellung der Helligkeit im Weißlichtmodus: BZ+BC],[BZ],[BC] und RED 1 halten Sie die Taste gedrückt. Die Leistung wechselt, nimmt sanft ab, bis sie das Minimum erreicht (doppeltes Blinken), steigt dann sanft an, bis sie das Maximum erreicht (doppeltes Blinken). Lassen Sie die Taste los, wenn die Lichtleistung ausreichend ist. Die Taschenlampe speichert die Helligkeiteinstellung für jeden Dauerlichtmodus. Wenn Sie die Taste gedrückt halten, wird der Pulsationsmodus für den RED 2 Modus in den SOS-Modus geschaltet. Das Aktivieren des SOS-Modus führt nicht dazu, dass er im Taschenlampenspeicher gespeichert wird. Wenn der Abstand zwischen den aufeinanderfolgenden Drücken der Betriebsartwahltaste länger als 3 Sekunden dauert, schaltet sich die Taschenlampe aus.

\*Die Taschenlampe hat den Speicher des zuletzt gewählten Modus. Wenn Sie sie ausschalten, wird sie im zuletzt verwendeten Modus neu gestartet (gilt nicht für den SOS-Modus).

\*Die Taschenlampe ist mit einer Tastensperre ausgestattet, um ein unbeabsichtigtes Einschalten zu verhindern. Um die Sperre zu aktivieren/deaktivieren, halten Sie den EIN/AUS-Schalter ca. 3 Sekunden lang gedrückt (nur bei ausgeschalteter Taschenlampe!). Wenn nach dem Drücken des Schalters die Signaldiode:

- zweimal rot leuchtet -heißt es, die Sperre wurde aktiviert oder die Lampe ist blockiert (zum Entriegeln den Schalter ca. 3 Sekunden lang gedrückt halten).

- zweimal grün blinkt -heißt es, die Sperre des Schalters ist deaktiviert.

\*Die Taschenlampe signalisiert ständig während des Betriebs den Ladezustand der Batterie über eine Diod,e die sich in der Schalttaste befindet:

- grün - Akku geladen

- gelb - halb entladene Batterie

- rot- Batterie entladen

\*Die Taschenlampe hat (außer dem Stirnband) einen abnehmbaren Clip, mit dem Sie die Taschenlampe an Schlaufen, Taschen und dem Dach der Kappe Typ "Baseball-Kappe" befestigen können.

### AUFLADEN

ZUM die Taschenlampe aufzuladen, öffnen Sie die Abdeckung des Ladeports: den Micro-USB an der Unterseite der Taschenlampe. Verbinden Sie das mitgelieferte Ladekabel mit dem Ladegerät, dem USB-Anschluss Ihres Computers oder der Power Bank. Stecken Sie das andere Ende des Kabels in den Micro-USB-Anschluss der Taschenlampe und behalten Sie die Ausrichtung des Steckers in Bezug auf die Buchse bei. Der aktive Ladevorgang wird durch das Aufleuchten der roten LED in der Taschenlampentaste angezeigt,

