

ANSMANN M900P

ANSMANN M900P LED Flashlight User Manual

Model: M900P (1600-0162)

INTRODUCTION

The ANSMANN M900P is a professional 10W LED flashlight designed for versatility and ease of handling. Constructed from robust ABS plastic, it offers optimal ergonomics and comfort, even in cold conditions. Equipped with the latest CREE 10W LED technology and a highly efficient reflector system, this flashlight provides excellent light output and beam range, making it ideal for various outdoor activities and professional use.

Key features include its ultra-bright illumination, shock resistance, and IP67 waterproof rating, ensuring durability and reliability in challenging environments. It features four microcontroller-controlled lighting functions to suit different needs.



Figure 1: ANSMANN M900P LED Flashlight. This image shows the main view of the black flashlight with its textured grip and wrist strap.

SAFETY INFORMATION

-
- Do not look directly into the LED light. The high intensity light can cause eye damage.
 - Keep out of reach of children.
 - Ensure batteries are inserted with correct polarity.
 - Do not mix old and new batteries, or different types of batteries.
 - The flashlight is IP67 rated, meaning it is dust-tight and protected against immersion in water up to 1 meter for 30 minutes. However, avoid prolonged submersion or use beyond specified limits.
 - Do not attempt to disassemble or modify the flashlight. This will void the warranty and may cause damage or injury.

SETUP

Battery Installation

The ANSMANN M900P flashlight requires four (4) AA Mignon batteries (included). Follow these steps to install them:

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert four AA batteries into the battery compartment, ensuring the correct polarity (+/-) as indicated inside the compartment.
3. Screw the tail cap back on clockwise until it is securely tightened. Do not overtighten.



Figure 2: Flashlight with tail cap. This image shows the flashlight from an angle, highlighting the tail cap where batteries are inserted.

OPERATING INSTRUCTIONS

The M900P flashlight features a tactical end switch that controls four lighting functions. Press the switch to cycle through the modes.

Lighting Modes:

- **100% Brightness:** Provides full illumination (930 lumens). Ideal for maximum visibility.

- **30% Energy Saving:** Reduces brightness to conserve battery life. Suitable for general use where full brightness is not required.
- **Ultra-Bright Boost:** Delivers an intensified burst of light for maximum range (up to 240 meters).
- **Strobe Light:** A flashing light mode, useful for signaling or disorienting.

To activate the flashlight, press the tactical end switch. Each subsequent press will cycle through the available lighting modes. To turn off the flashlight, continue pressing the switch until the light turns off, or hold the switch for a few seconds in any mode.



Figure 3: Tactical End Switch. This image shows a close-up of the flashlight's end, featuring the power button and a warning symbol.



Figure 4: Lighting Modes and Microchip. This graphic illustrates the four tactical lighting functions (Strobe, Boost, 100%, 30%) and highlights the microchip control.

MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Remove batteries if the flashlight will not be used for an extended period to prevent leakage. Replace all batteries simultaneously with new ones of the same type.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Flashlight does not turn on.	Batteries are dead or low.	Replace with new AA batteries.
	Batteries are inserted incorrectly.	Check and correct battery polarity.
	Tail cap is loose.	Tighten the tail cap securely.
Light is dim or flickers.	Batteries are low.	Replace batteries.
	Loose connection.	Ensure tail cap is tight.

SPECIFICATIONS

Feature	Detail
Brand	ANSMANN
Model Number	1600-0162
Dimensions (L x W x H)	17.4 x 4.04 x 4.04 cm (6.85 x 1.59 x 1.59 inches)
Weight	186 g (0.41 lbs)
Power Source	4 x AA Batteries (included)
Light Source Type	LED (10W CREE)
Luminous Flux	Up to 930 lumens
Beam Distance	Up to 240 meters
Ingress Protection (IP) Rating	IP67 (Dust-tight, protected against immersion up to 1m)
Material	Robust ABS Plastic
Functions	100% Brightness, 30% Energy Saving, Ultra-Bright Boost, Strobe Light
Operating Voltage	6 Volts









Figure 5: Dimensions and Lumens. This graphic displays the flashlight's length (174 mm) and width (40.5 mm), along with its 930 lumen output and high-efficiency reflector system.

WARRANTY AND SUPPORT

ANSMANN products are manufactured with high quality standards. For information regarding warranty terms and conditions, please refer to the documentation included with your purchase or visit the official ANSMANN website. For technical support or service inquiries, please contact ANSMANN customer service. You can find more information and contact details on the [ANSMANN official website](#).

Related Documents - M900P

	<p>ANSMANN M900P LED Flashlight Operating Instructions</p> <p>Comprehensive operating instructions, safety guidelines, environmental information, and warranty details for the ANSMANN M900P LED flashlight. Learn about battery replacement, safe usage, and product specifications.</p>
	<p>ANSMANN Future Multi 3in1 LED Flashlight Operating Instructions</p> <p>User manual for the ANSMANN Future Multi 3in1 LED flashlight, covering battery replacement, safety warnings, environmental information, optical radiation hazards, limitation of liability, and warranty details.</p>
	<p>ANSMANN FUTURE M250F LED Torch - User Manual & Safety Guide</p> <p>Comprehensive operating instructions, safety guidelines, and technical specifications for the ANSMANN FUTURE M250F LED flashlight. Learn about battery replacement, environmental disposal, and hazard information.</p>
	<p>ANSMANN ADVENTURE TA500BF LED Flashlight User Manual</p> <p>Comprehensive user manual for the ANSMANN ADVENTURE TA500BF LED flashlight, detailing safety precautions, intended use, product features, operation modes, technical specifications, maintenance, environmental disposal, warranty, and liability.</p>
	<p>ANSMANN Adventure TA90B LED Flashlight User Manual</p> <p>Comprehensive user manual for the ANSMANN Adventure TA90B LED flashlight, covering safety instructions, intended use, product description, specifications, care, and disposal.</p>
	<p>ANSMANN Adventure TA90B LED Flashlight User Manual</p> <p>Comprehensive user manual for the ANSMANN Adventure TA90B portable LED flashlight. Includes safety instructions, operating guide, technical specifications, and disposal information.</p>