

For decades, Leupold has been a leader in the field of sport optics and light management. From this extensive experience came the desire to provide our customers with the most advanced, capable, and effective flashlights money could buy. Years of design effort have culminated in the introduction of the Leupold MX™ Modular Flashlight series, a group of lights that is advanced, flexible, and extremely capable. This growing line of components and lights provides an all new level of performance, no matter what the illumination need.

#### **Custom Construction**

Leupold MX series flashlights are designed from the ground up to be modular parts to a complete system. Four unique bezels, running on either a two or three cell maintube, and a clicking dual mode tail switch give you the ability to create a light uniquely suited to your illumination needs. From the simple to the complex, the MX system delivers the flexible illumination you need whether you hunt, fish, camp, hike, or work in any type of public safety profession.

#### **Maximum Output and Battery Life**

Leupold uses some of the most advanced and efficient LED technology currently available in MX components. High efficiency provides long run times at any setting, exceptional run times on low output settings. Our drive electronics are maximized to deliver an exceptional balance of brightness, function, and efficiency so users get the illumination they need for the longest possible time.

Leupold LEDs are bin sorted and carefully selected to provide only the most consistent, natural white light available. Our True White™ LEDs produce an optimal 5500°K to give users a light that the eye responds best to in the widest variety of ambient lighting conditions.

#### **Absolute Waterproof Integrity**

Leupold pioneered the waterproof technology in riflescopes that customers take for granted today. This industry leading knowledge of waterproofing and “ruggedizing” has been the cornerstone of our riflescopes for over 60 years, and we have brought the same level of robust design and waterproofing to our new MX modular flashlight system.

Leupold MX Modular Flashlights utilize a sophisticated magnetic sensor array in multi-mode models that seals the internal components of the bezel from the elements. Double O-ring protection between the tail switch, maintube, and the bezel provide waterproofness to four atmospheres (132 feet, 40 meters), even with the tailswitch in the 1/8 turn lockout position. The functional submersion limit of 2 atmospheres (66 feet, 20 meters) is based on the level at which water pressure activates the switch in the unlocked position only.

#### **Sapphire Window**

Sophisticated switches and advanced LED technology still depend on the rugged protection of the window to deliver an undiffracted, focused beam. For the all important window, Leupold uses sapphire, which is a single crystal aluminum oxide compound. Sapphire is one of the hardest man made substances on the planet and gives the window unrivalled toughness, with supreme abrasion and scratch resistance.

## **IT TOOK A COMPANY OBSESSED WITH LIGHT TRANSMISSION TO COME UP WITH AN IDEA THIS GOOD.**

- **Modular Components**

Build the light you want from the components we provide to deliver the performance you need in any conditions. Modularity provides exceptional flexibility and allows the user to build a light uniquely suited to a wide variety of situations.

- **Advanced LED Technology**

Bin Sorted LEDs deliver balanced, True White™ light that is ideal for maximizing the sensitivity of the eye and providing stunning visibility in even the worst conditions.

- **Advanced Ergonomics**

Aggressive knurling and easy-to-operate controls make the MX Modular Flashlight series ideal for use in a wide variety of environmental conditions. Hands won't slip, controls are easy to reach and run, and the lights balance easily in the hand. Exceptional functionality is the result.

- **Rugged Design**

From the robust, scratch resistant sapphire window, to the double O-ring sealed integrity of the maintube, to the dual mode and lockout capable tailswitch, the MX Modular Flashlights are designed to perform in the harshest environments on earth.

- **Leupold Alumina™ Accessories**

The bezel is threaded for the full line of Leupold Alumina accessories, including accessories under development and planned for introduction in 2008.

# MX™

MODULAR FLASHLIGHT



**LEUPOLD®**  
AMERICA'S OPTICS AUTHORITY®

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AMERICA'S OPTICS AUTHORITY®



# LEUPOLD MX™ MODULAR FLASHLIGHT



**MX-321 Two Cell Flashlight**  
(Actual Size)

Actual runtime may vary due to temperature, lifetime use of the bulb or LED, and / or actual capacity of the batteries, as different manufacturers have different rated capacities. Runtime numbers are approximate for a given output, and each flashlight will provide useful light output far beyond the rated runtime.



## MX-100

### Xenon Bezel

Single mode, Xenon bulb. Precision reflector for a bright, focused beam.



## MX-200

### LED Bezel

Single mode, True White™ LED for a long run time. Precision reflector for a bright, focused beam.



## MX-300

### Multi-Mode LED Hunter

Multi-mode, True White™ LED. S.O.S. mode for emergency situations. Sophisticated magnetic sensor array seals internal components. Ideal for varying light or signaling.



## MX-400

### Multi-Mode LED Tactical

Multi-mode, True White™ LED. S.O.S. and high intensity strobe modes. Sophisticated magnetic sensor array seals internal components. Intended for tactical, public safety, and general duty.



## MX-020

### Two Cell Maintube

2 CR123a high output lithium cell tube. Machined from solid T-6061 aerospace grade aluminum. Hard anodized to exceed military specifications. Aggressive knurling ensures a positive grip, regardless of conditions.

## MX-001

### Dual Mode Switch

Clicking, dual mode switch for constant or momentary activation and a 1/8<sup>th</sup> turn button lockout function.



## MX-030

### Three Cell Maintube

3 CR123a high output lithium cell tube. Machined from solid T-6061 aerospace grade aluminum. Hard anodized to exceed military specifications. Aggressive knurling ensures a positive grip, regardless of conditions.

Model	Lumens	Modes	Run Time	Weight	Length	Diameter
MX-100 Xenon Bezel	60 / 120 <sup>1</sup>	Single	1 hr	3.2oz	2.0"	1.37"
MX-200 LED Bezel	80	Single	4/6 <sup>1</sup> hrs	3.2oz	2.25"	1.37"
MX-300 Multi-Mode Hunter	10 / 80 / 145 / 25	Low / Med / High / SOS	30/40 <sup>2</sup> hrs	3.8oz	2.25"	1.56"
MX-400 Multi-Mode Tactical	10 / 145 / 145 / 25	Low / High / Strobe / SOS	30/40 <sup>2</sup> hrs	3.8oz	2.25"	1.56"
MX-001 Multi-Mode Tail Switch	•	Half Press / On-Off	•	0.9oz	1.35"	1.1"
MX-020 Two Cell Maintube	•	•	•	2.4oz <sup>3</sup>	3.125"	1.1"
MX-030 Three Cell Maintube	•	•	•	4.1oz <sup>3</sup>	4.37"	1.1"
MX-121 Xenon Bezel & 2 Cell	60	Single	1 hr	6oz <sup>3</sup>	5.25"	1.37"
MX-221 Multi-Mode LED Bezel & 2 Cell	80	Single	4 hrs	6oz <sup>3</sup>	5.5"	1.37"

<sup>1</sup> 2 / 3 cell maintube | <sup>2</sup> Lowest setting with 2 / 3 cell maintube | <sup>3</sup> Weight with CR123a Lithium Batteries