

# OPERATOR MANUAL FOR THE FMA LAB PEQ-NGAL

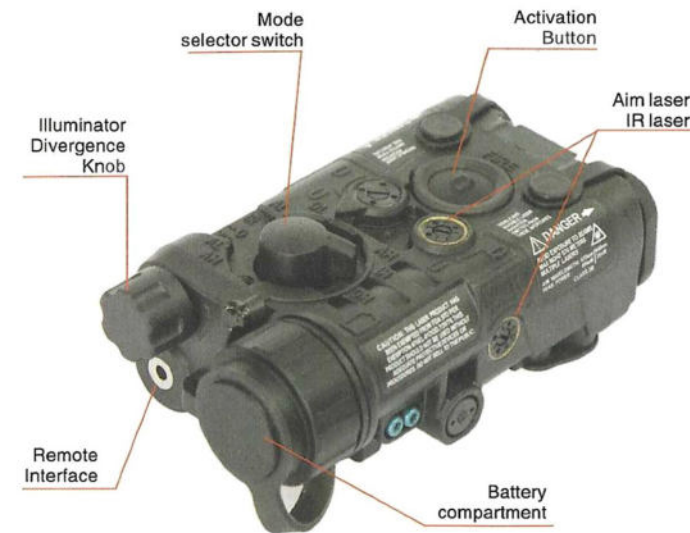
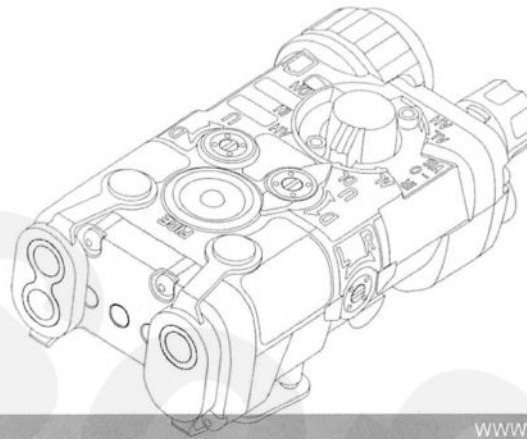


**FMA**<sup>®</sup>

## ABBREVIATIONS AND ACRONYMS

Abbreviations and acronyms used in this manual are as follows:

Gear	Function	Power
AH	Red Laser Weak	0.6mW
AL	Red Laser Strong	3mW
O	Turn Off	-
AL	IR Laser Weak	0.6mW
DL	IR Laser Strong	3mW
AH	Flashing Light	≥3W
IH	Red Laser + Light	3W+3mW
DH	Red Laser + Flashing Light	3W+3mW



ALWAYS READ THROUGH THIS MANUAL BEFORE OPERATION

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■ Guide rail bracket



■ Positive Inside

Pay attention to the battery direction, Replace and tighten the battery cover



### DESCRIPTION

#### PEQ-NGAL Next Generation Aiming Laser

The NGAL is a rugged, ultra-compact and lightweight system designed to be compatible with all generations of night vision devices. NGAL uses an advanced illuminator design to achieve a uniform Near Infrared (NIR) illuminator beam for increased situation awareness. High-efficiency electronics support increased system performance at reduced size, weight and power (SWaP).

- Independent aim and Illuminator boresight adjusters
- Co-aligned aiming beams with boresight retention  $\leq 0.5$  mrad
- Power levels adjustable based on customer requirements

Weight : 115g

Approximate Size : 9CM\*5CM\*3CM

#### NGAL Aiming Laser Specification:

Red Laser + IR Laser + Flashlight

Material: nylon

Color: Black/ Tan

Laser Power: 3mW

Laser Zeroing: Adjustable

Intensity: 230 Lumens

Battery: CR123A

#### PEQ-NGAL Features:

Working Laser and Flashlight

230 Lumen LED Flashlight Output

High Intensity RedLaser with IR laser

Attaches to most Standard Picatinny 20mm Rails

It comes with a remote extension switch

Multiple Power Settings

- Off
- Laser only (remote activated)
- Laser only (constant on)
- Light only (remote activated)
- Light only (constant on)
- Laser and Light (remote activated)
- Laser and Light (constant on)