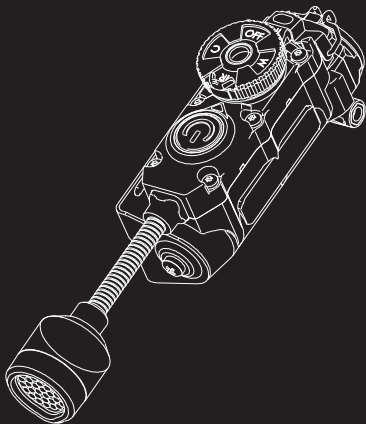


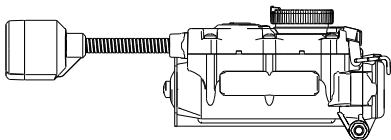
FMA[®]



Rattler Stalk Helmet Light System

FMA / WWW.FMA.HK / TB1454

Product Introduction



FMA has introduced the second product in its Sidewinder series - the Panoramic Headlamp System. This product is designed to minimize the number of lighting devices that users need to carry, with its low-profile design providing ultimate versatility. The headlamp supports multiple lighting and strobe modes, featuring visible white light, multi-color, and infrared LEDs. The most notable feature of this headlamp is its universal battery design, which accepts both CR123A and AA batteries, and comes with a universal Sidewinder mounting base, allowing users to easily install and use it in various scenarios and platforms. Additionally, this product allows users to enable the IFF (Identification Friend or Foe) function simultaneously with lighting, providing users with the convenience of using both visible and invisible light sources at the same time.

Product Contents



Rattler Stalk Helmet Light



ARC Rail Hook and Loop Adapter



MOLLE Clip



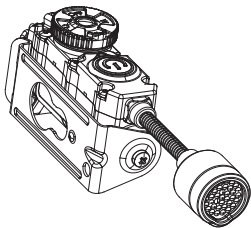
ARC Rail Adapter Clip



Thumb Screw

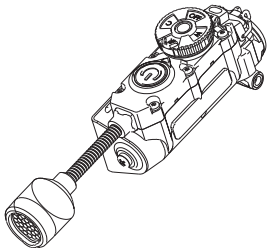
Specifications

Weight	90g	Batteries not included
Size	140*47*47mm	
Material	Polymer nylon	
Battery	CR123A*1 or AA*1	AA batteries are for emergency use
Operating mode	Always on or flashing	Triple click to turn on flash mode
W gear	3-level brightness adjustment	strobe function available (max 76 lm) strobe function available (max 76 lm)
C gear		
IR illumination		
IFF IR	Lever left or right to open	Flashing
Battery life	CR123A:5H AA:2.5H	
Operating temperature	-20°C to 40°C	
Waterproof level	IP67	

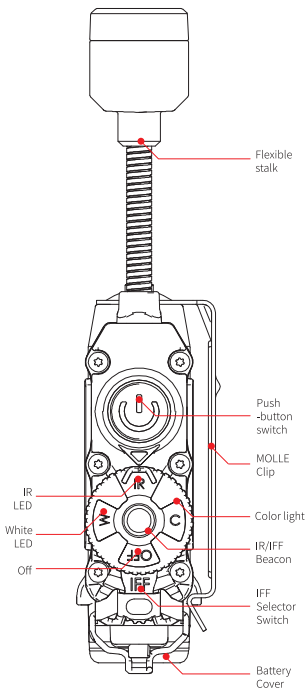


Gear Explanation

Gear	Function	Description
OFF	Power Off	
W	White light LED	Single click: Turn on/off
		Press for more than 3 seconds: LED power level cycles through 1-2-3 levels
		Triple click: Activate flashing mode
C	Red, Green, Blue LED	Single click: Turn on/off color LED
		Color change: Press and hold for 5 seconds to cycle between red, green, and blue
		Press for more than 3 seconds: Power level cycles through 1-2-3 levels
		Triple click: Activate color LED flashing mode
IR	IFF IR	Flip the mechanical switch to turn on IFF IR, toggle left or right for IR signal flashing
		IFF in the middle to turn off IR signal
	IR LED	Press for more than 3 seconds: IR power level cycles through 1-2-3 levels. Single click: Turn on/off IR LED



Button Description



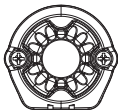
Installation Instructions

HELMET MOUNTING CONFIGURATIONS

The Rattler Stalk Helmet Light System is available in two configurations, the ARC Rail clip with hook and loop fastener, or the MOLLE clip. To change the clip, unscrew the clip retaining screw and remove/replace with desired clip. Both clips and the thumb screw can be mounted to either side of the flashlight body for ambidextrous mounting. The ARC Rail clip hook retaining feature must be locked into the body prior to reinstalling the clip retaining screw. The ARC Rail clip attaches directly to the ARC Rail found on many FAST, ACH, and MICH helmets. A thumb screw is provided to lock into the ARC Rail system. The MOLLE clip is available to mount to the Rattler Stalk Helmet Light System mount or attach to the webbing of MOLLE gear. A lanyard hole is provided in the MOLLE clip. (MOLLE clip and ARC Rail clip can be installed on opposite sides of the light if desired.)



Installation Instructions



OPTIONAL HELMET MOUNT FOR USE WITH MOLLE CLIP

The Rattler Stalk helmet mount is designed to allow hands free use of the flashlight for task-specific lighting. The mount will fit PASGT, ACH, MICH, and ECH style helmets, depending on the bracket selected and orientation of the rectangular rubber sleeve.

BRACKET SELECTION AND SLEEVE ORIENTATION: ECH HELMET

- Select Wide Bracket with grey finish.
- Install Sleeve, thick side toward V-shape.



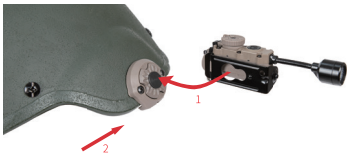
PASGT, ACH AND MICH HELMETS

- Select Narrow Bracket with black finish.
- Install Sleeve, thick side toward V-shape.



Bracket Installation on Helmet Brim:

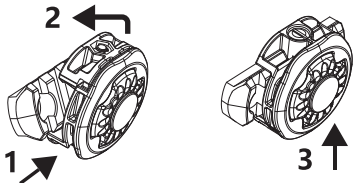
1. Select the desired mounting location. Place the selected bracket and sleeve onto the brim of the helmet with the V-shaped side outward.
2. Align the mount base over the bracket. Insert and tighten the mounting screws to assure firm attachment.
3. Attach the Rattler Stalk Helmet Light by placing the large opening in the MOLLE clip over the round post on the helmet mount. Press inward against the mount and slide downward until the Rattler Stalk Helmet Light locks into place. The Rattler Stalk Helmet Light, can be adjusted to provide illumination as needed. Release the Rattler Stalk Helmet Light from the helmet mount by pressing inward against the mount and sliding upward.



Installation Instructions

OPTIONAL HELMET 1913 RAIL MOUNT (NOT for use on firearms)

Rattler Stalk Helmet Light helmet rail mount is specifically designed for easy attachment to FAST, BUMP and ACH-ARC style helmets. It is not designed for use in weapon-mounted applications.

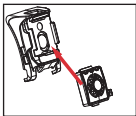


INSTALLATION STEPS:

1. Loosen the slotted tension screw with a screwdriver to open the moveable side of the mounting clamp.
2. Place the mount at the desired position on the helmet rail and position the tension screw into the appropriate rail groove.
3. Fully tighten the tension screw.

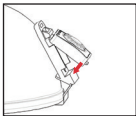
OPTIONAL TACTICAL NVG MOUNT

1. Place NVG mount in front of helmet bracket with mounting tab toward the bracket's raised slot and the release button down and to the right.
2. Align and slightly tilt mount to hook inside, top onto bracket. Press bottom of mount inwards toward helmet and snap into place. Check to assure attachment. Release button should not be loose.



INSTALL THE OPTIONAL Rattler Stalk Helmet Light- NIGHT VISION DEVICE BASE PLATE

1. Place the Rattler Stalk Helmet Light accessory in front of the helmet holder and press the active switch on the night vision goggle base.

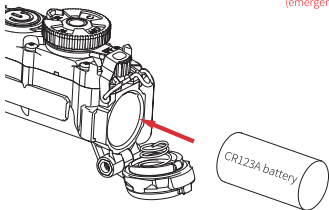


2. Tilt the Rattler Stalk Helmet Light accessory and lock it in the top slot. Place the bottom of the accessory close to the helmet bracket and press it. Release the movable switch, clamp the bottom slot, and check whether it is fixed.

Optional Batteries

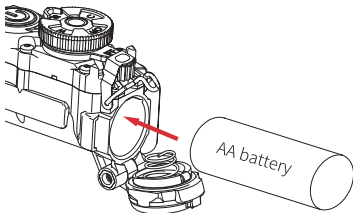
CLEVER DESIGN

Daily use of CR123A battery
Compatible with AA batteries
(emergency backup only)



STATE OF EMERGENCY

AA batteries can be used in emergencies, which greatly increases the flexibility of equipment use and the simplicity of logistics. Especially in emergencies, there is no longer the problem of battery model matching.



Installation Combinations

MOLLE Clip



Mount can be configured to wear on either side of helmet



ARC Rail Adapter Clip



Mount can be configured to wear on either side of helmet



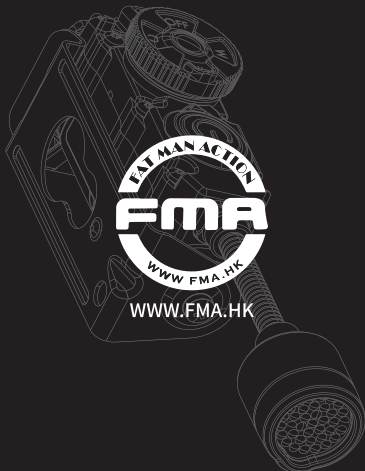
Securely attaches to MOLLE

ARC Rail Hook and Loop Adapter



Mount can be configured to wear on either side of helmet





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