Fenix HP40H Headlamp

The Fenix HP40H headlamp puts you in charge as conditions change with variable LED output. Two dedicated light sources combine with an individual control system to deliver flood and spot up to 450 lumens from 4 AA batteries. High power red light with 105-meter extended reach and up to 9 hours runtime turns HP40H headlamp into an indispensable tool for hunting from dusk to dawn.

Technical Parameters

ANSI/NEMA FL1		White Light				Red Light			SOS
		Turbo	High	Mid	Low	High	Mid	Low	
OUTPUT		450 Lumens	180 Lumens	65 Lumens	8 Lumens	150 Lumens	75 Lumens	25 Lumens	180 Lumens
RUNTIME	**Ni-MH Battery**	3h	6h 45min	21h 45min	140h	4h	8h	37h 30min	
	Alkaline Battery	2h 45min	6h 30min	30h	160h	3h 45min	7h	40h	
DISTANCE		110m (Max)				105m (Max)			
INTENSITY		2826cd(Max)							
IMPACT RESISTANCE		1m (Max)							
WATER RESISTANT		IPX-6							
ACCESSORIES		Cable clips and batteries							

Notice: The above-mentioned parameters (lab tested by Fenix using four 2500mAh Ni-MH batteries and the included alkaline batteries) are approximate and may vary between lights, batteries and environments.

◎ Utilizes Cree XP-E2 P3 LED and XP-G2 R5 LED with a lifespan of 50,000 hours

◎ Uses four AA (Ni-MH, Alkaline) batteries

◎ Light size：76.0mm (Length) ×55.7mm (Width) ×31.5mm (Height)

◎ Battery box size：88.8mm (Length) ×73.7mm (Width) ×26.2mm (Height)

◎183.5-gram weight (excluding batteries)

◎ Digitally regulated output maintains constant brightness

◎ Two dedicated light sources with individual control system

◎ Lockout function – prevents the light from accidental activation

◎ 60-degree tilt mechanism

◎ Reverse polarity protection guards against improper battery installation

◎ Made from durable aluminum alloy and performance plastic

◎Toughened ultra-clear glass lens with anti-reflective coating

Operation

The light features individual control system and the button with the 　　　 icon controls

the red light while the other one with 　　　 icon controls the white light.

White Light

Press the button with 　　　 icon to turn the white light on. Hold the button for 0.5 seconds to turn it off.

Press the button with 　　　 icon to cycle through the brightness levels in the order of Turbo→ Low→ Mid→ High when the light is turned on.

SOS Mode

Hold the button with 　　　 icon for 3 seconds to active SOS mode.

Red Light

Press the button with 　　　 icon to turn the red light on. Hold the button for 0.5 seconds to turn it off.

Press the button with 　　　 icon to cycle through the brightness levels in the order of High→ Low→ Mid when the light is turned on.

Intelligent Memory Circuit

HP40H memorizes the last brightness level used, but it will not remember the SOS mode. The next time you turn the light on; it will light up in the last brightness level you used.

When the power is less than 5%, the HP40H automatically shifts to Low output of white light to extend runtime.
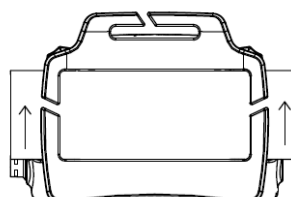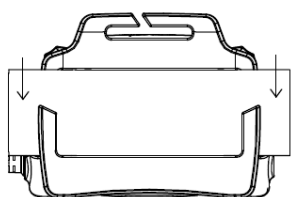
Battery Specifications

Type	Dimensions	Nominal Voltage	Usability	
Ni-MH Battery	AA	1.2V	Recommended	√
Alkaline Battery	AA	1.5V	Usable	√
Non-rechargeable Battery (Lithium)	AA	1.5V	Usable	√
Rechargeable Battery (Li-ion)	14500	3.7V	Banned	✖

Warning: Do not mix batteries of different brands, size, capacity or type. Doing so may cause damage to the flashlight or the batteries being used.
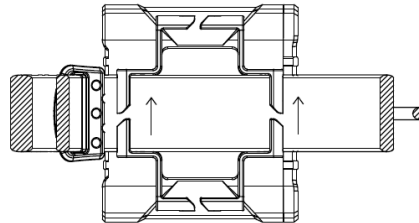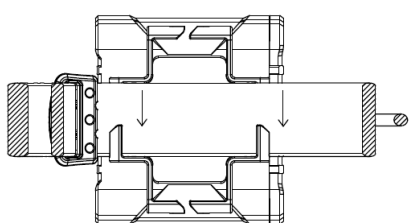Remove batteries for long-term storage to avoid electrolyte leakage.

Battery Replacement

Unscrew the nut and take out the battery holder to insert the batteries following the polar indicators. Replace the holder and securely fasten the nut.
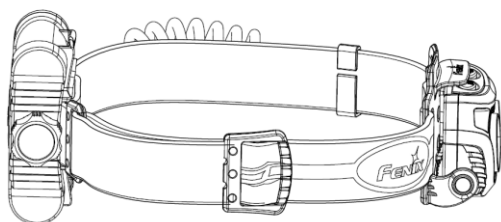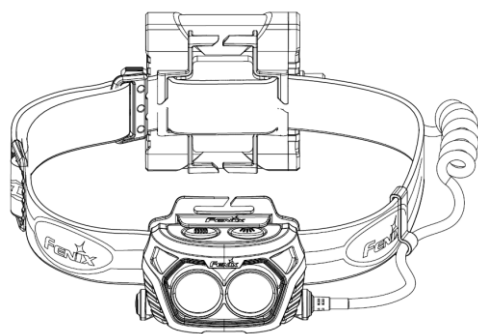
Assemble the Headlamp

Attach the headband to the headlamp as shown by first sliding the band down to the bottom of the slot, then hooking the top edge under the top slot.
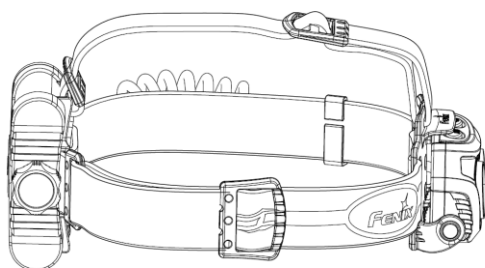

Attach the headband to the battery case as shown, repeating the steps indicated above for the headlamp.

Slide the plastic buckle to adjust the headband.

Use the clips supplied to retain the battery cable.

Attach the top headband to the headlamp holder and the battery case as shown.

Usage and Maintenance

◎Please don't disassemble the sealed head, as doing so can cause damage to the light and will void the warranty.

◎Use only recommended high performance batteries with this high discharge light: A Ni-MH rechargeable cell is recommended as alkaline batteries will reduce the light's runtime.

◎The O-ring may be worn out after using for a long time. If it happens, please replace the O-ring with a new one to keep the light properly sealed against water.

◎Please clean the contacts of your light from time to time, especially if the light flickers or doesn't light up. There may be several reasons for a flickering or inoperative light:

Reason A: The battery needs replacing.

Solution: Replace the battery with positive (+) and negative (-) terminals properly aligned.

Reason B: The threads, PCB board contact or other contacts are dirty.

Solution: Clean the contact points with an alcohol soaked cotton swab.

If the above methods don't work, please contact the distributor and refer to the warranty policy.

Product Warranty

We will replace products with manufacturing defects within 15 days of purchase and repair a light free of charge within 24 months of purchase if problems develop with normal use; if repair is required after 24 months from the date of purchase, we will charge for parts. The

total repair fee is dictated by the cost of the replaced materials.

Product Registration

We kindly suggest that you register your product on the official website of Fenixlight Limited (www.fenixlight.com). You can get an extra six-month warranty period once you have successfully registered. By participating in an optional customer survey, you are entered in a drawing for free Fenix products.

Warning

The Fenix HP40H Headlamp is a high-intensity lighting device capable of causing eye damage. Avoid shining the light directly into the eyes.

The light will accumulate heat after working in the turbo mode for an extended period of time. In order to avoid injury, do not touch the metal part of the light head.