Feyachi HL-28

Feyachi HL-20 Pistol Light User Manual

Model: HL-28

Your comprehensive guide to the Feyachi HL-20 Pistol Light.

INTRODUCTION

The Feyachi HL-20 Pistol Light is a compact, rail-mounted tactical flashlight designed to provide powerful illumination for handguns and other firearms equipped with Picatinny rails. Constructed from durable aerospace aluminum, it offers high brightness, reliable performance in various environments, and user-friendly operation with multiple lighting modes. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your HL-20 Pistol Light.

Figure 1: Feyachi HL-20 Pistol Light Overview

PRODUCT OVERVIEW AND COMPONENTS

The HL-20 features a robust design with key components engineered for performance and durability.

Figure 2: Exploded View of HL-20 Components

- **Optical Reflector & Lens:** Designed for optimal light projection and beam clarity.
- **Battery Buckle:** Secures the CR123A batteries within the housing.
- **Rail Locating Keys:** Interchangeable keys for compatibility with various rail systems.
- **Rail Fixing Screw:** For secure attachment to the firearm's rail.
- **Waterproof Ring:** Ensures IPX5 water resistance.
- **2 Mode (ON/OFF+Strobe) Switch:** Provides versatile lighting options.

SETUP

Battery Installation

The HL-20 Pistol Light is powered by two CR123A batteries. Ensure correct polarity during installation.

1. **Unlock:** Apply force to the spring lock and pull it upwards to unlock the battery compartment.

2. **Insert Batteries:** Place two CR123A batteries into the compartment, observing the polarity indicators (+/-).

3. **Close:** Hold the tail cap firmly and then close the spring lock until it clicks securely into place.
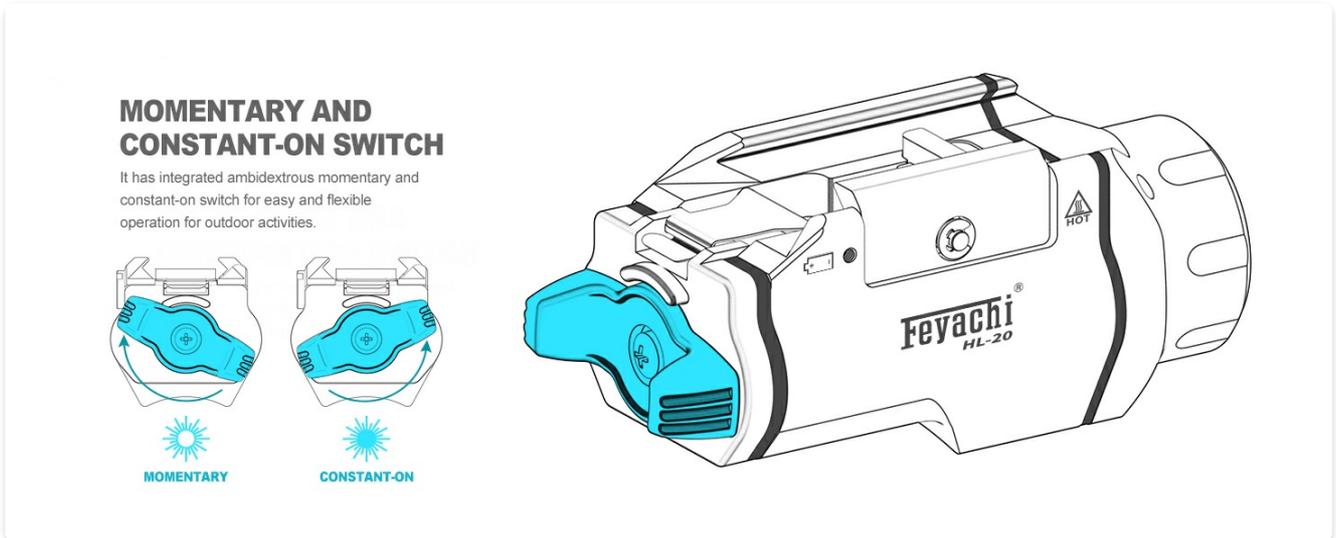

Figure 3: Battery Installation Guide

Mounting to Firearm Rail

The HL-20 is designed for universal compatibility with most rail-equipped handguns. It comes with 5 different Locating Keys (GL, TSW/99, 90two, P320, and 1913) to ensure a secure fit.

1. **Select Key:** Choose the appropriate rail locating key for your firearm's rail type. The GL key is pre-installed. Use the provided Allen wrench to change keys if necessary.

2. **Attach Light:** Loosen the rail clamp tension bolt. Align the light with your firearm's Picatinny rail and slide it into position.

3. **Secure Light:** Tighten the rail clamp tension bolt firmly using the provided Allen wrench or a flathead screwdriver until the light is securely attached and does not wobble.

Figure 4: Universal Rail Compatibility

Figure 5: Standard Picatinny Mounting Examples

OPERATING INSTRUCTIONS

The HL-20 features an ambidextrous switch for easy operation.

- **Momentary On:** Press and hold either side of the switch for momentary illumination. Release to turn off.
- **Constant On:** Press and quickly release either side of the switch to activate constant illumination. Press again to turn off.

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Video 1: Feyachi HL-20 New Upgrade Pistol Light - Demonstrates light modes and features.

COMPATIBILITY

The Feyachi HL-20 Pistol Light is designed for broad compatibility with various firearm models. Below is a table detailing some compatible models based on the included rail keys:

Rail Key	Compatible Models
GL	GL17/GL19/GL20/GL22/GL23/GL25/GL32/GL44/GL45/GL19X/GL P80/GL17 GEN 4
SIG SAUER	P220/P226/P227/P229/P320/(M18)
WALTHER	PPQ/P99/CCP/PPQ M1
SMITH & WESSON	M&P 40/SD40VE/M&P 9MM/M&P 9 2.0MM & ORIGINAL/M&P 40 2.0 VERSIONS/M&P SHORT BUILDS
CZ	P-01/P-07/P-09/P-10C
SPRINGFIELD	SPRINGFIELD XD SERIES/SPRINGFIELD XDM SERIES/SPRINGFIELD ARMORY XDM 10MM
CANIK	TP9SA/TP9 V2
TAURUS	TX22/TX22 22 CAL
OTHER	IWI MASADA/STEYR M9-A1/PSA DAGGER G19 CLONE 9MM/FN 509 SHORT BUILDS(9MM 1913 RAIL)/BERETTA 92/EAA WITNESSIKEL-TEC PMR-30/PSA ROCK 5.7X28MM/H&K P2000 LEM/40S&W

Table 1: HL-20 Pistol Light Compatibility

SPECIFICATIONS

Feature	Detail
Brightness	1000 Lumens
Illumination Distance	200-300 meters (approx. 600-984 feet)
Runtime	>2 hours
Material	Aerospace Aluminum (anodized surface)
Water Resistance	IPX5 (Waterproof)
Shock Resistance	800 G gravitational acceleration tested
Battery Type	CR123A (Lithium Manganese Dioxide)
Dimensions	3.4"D x 1.5"W x 1.5"H
Item Weight	0.62 Pounds (approx. 9.9 ounces)
Mounting Type	Gun Mount (Picatinny Rail)
Light Source Type	LED

Table 2: HL-20 Pistol Light Technical Specifications

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the exterior of the light. Avoid abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries when the light output becomes dim or inconsistent. Always use fresh, high-quality CR123A batteries.
- **Storage:** Store the light in a cool, dry place when not in use. Remove batteries if storing for extended periods to prevent leakage.
- **Water Resistance:** While IPX5 rated, avoid submerging the light for prolonged periods. Ensure the battery compartment is securely closed after battery changes to maintain water resistance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity and replace batteries if necessary.
Light is dim or flickers.	Low battery power.	Replace batteries with new ones.
Light is loose on the rail.	Mounting bolt is not tight or incorrect rail key used.	Ensure the rail clamp tension bolt is tightened securely. Verify the correct rail key is installed for your firearm.

Table 3: Common Troubleshooting Steps

WHAT'S IN THE BOX

Your Feyachi HL-20 Pistol Light package includes the following items:

- 1 x HL-20 Pistol Light
- 1 x User Manual
- 2 x Allen Wrench
- 5 x Different Rail Keys (GL, TSW/99, 90two, P320, 1913)
- 1 x Fixed Steel Sheet

INSIDE THE BOX

Figure 6: Package Contents

WARRANTY AND SUPPORT

The Feyachi HL-20 Pistol Light comes with a **full warranty**. For any product inquiries, technical support, or warranty claims, please visit the official Feyachi Store or contact their customer service through the platform where the product was purchased.

Visit the Feyachi Store

Related Documents - HL-28

[Streamlight ProTac Rail Mount HL-X Operating Instructions](#)

Official operating instructions for the Streamlight ProTac Rail Mount HL-X tactical flashlight, covering programming, mounting, battery installation, and warranty information.

[Streamlight ProTac Rail Mount HL-X Laser Operating Instructions](#)

Operating instructions for the Streamlight ProTac Rail Mount HL-X Laser tactical flashlight, covering installation, battery, operation, laser zeroing, maintenance, and warranty.

[Streamlight ProTac Rail Mount Pro Series Operating Instructions](#)

Comprehensive operating instructions for the Streamlight ProTac Rail Mount Pro Series tactical flashlight, covering safety, battery installation and charging, mounting procedures for MIL-STD-1913 and M-LOK rails, general operation, maintenance, product use, warranty, and service options.

[Streamlight ProTac Rail Mount HL-X Laser: Operating Instructions and Safety Guide](#)

Comprehensive operating instructions and safety information for the Streamlight ProTac Rail Mount HL-X Laser weapon-mounted tactical flashlight, covering installation, operation, maintenance, and warranty.

[Streamlight ProTac Rail Mount HL-X Pro Operating Instructions and Safety Guide](#)

Comprehensive operating instructions, safety guidelines, and maintenance information for the Streamlight ProTac Rail Mount HL-X Pro tactical flashlight.

[Streamlight Flashlight User Manuals: ProTac Rail Mount HL-X, Stylus Pro, and ProTac 2AA](#)

Comprehensive user manual and operating instructions for Streamlight flashlights, including the ProTac Rail Mount HL-X, Stylus Pro, and ProTac 2AA. Covers features, operation, battery replacement, mounting, safety warnings, warranty, and contact information.