



70 Garden Court
Monterey, CA 93940
U.S.A.

Tel: (831) 373-0701
Fax: (831) 373-0903
E-mail: Sales@laserdevices.com
Internet: www.laserdevices.com

OPERATOR'S TECHNICAL MANUAL FOR MP5 TACTICAL LIGHT AND FOREGRIP



P/N 39994 LDITL-M

P/N 39992 LDITL-P

P/N 39991 LDITL-S

P/N 39994LED LDITL-M

P/N 39992LED LDITL-P

P/N 39991LED LDITL-S

Text and diagrams copyright Laser Devices, Inc., U.S.A.
Rev. November 2005
P/N 1007



Manufactured by:

Laser Devices, Inc.

70 Garden Court

Monterey, California 93940 USA

Tel: (831) 373-0701

Fax: (831) 373-0903

Web: www.laserdevices.com

E-mail: Sales@laserdevices.com

TABLE OF CONTENTS

Firearms Safety	2
Warning	2
Product Description	3
Application	3
General Information	4
Safety First	4
Export	4
Tactical Light Technical Data	5
Location of Major Parts	6
Installation of the Tactical Light	7
Activation of the Tactical Light	8
Replacing the Batteries	9-10
Replacing the Lamp Assembly	11-12
Troubleshooting the Light	13
Service and Repair	14
Warranty	15
Optional Aiming Lasers	16
Optional Tactical Lights for MP5	17
Optional Accessories	18

NOTES

- ALWAYS** keep the gun pointed in a safe direction.
- ALWAYS** be sure the gun is safe to operate and the barrel is clear of any obstruction.
- ALWAYS** know your target and what is beyond it.
- ALWAYS** wear eye and ear protection when shooting.
- ALWAYS** store your firearm, ammunition and accessories so they are secure and not accessible to unauthorized persons.
- ALWAYS** treat every gun as if it were loaded.

The LDITL tactical light for the HK MP5 uses a high pressure Xenon lamp and two powerful lithium batteries that produce considerable light and heat. Please observe the following precautions to avoid any possible fire hazard:

1. Never stand or set an operating LDITL tactical light face down on a table or flat surface as it will melt the lens and possibly damage the surface.
2. Use the LDITL light for fairly short periods of time. Turn the light off if it becomes too hot.
3. Remove the batteries prior to storing or transporting the LDITL light.
4. Do not expose the lithium battery to water or dispose of the battery by burning. Also, do not disassemble the battery, attempt to recharge or mix a lithium battery with another battery type. Improperly handled batteries may leak, explode or cause personal injury.



6-Volt Lithium Battery (2 x 123A)

Part #

30170



6-Volt Bulb Assembly

85019



6-Volt Universal Las/Tac Light Head

2210144



Daytime Shooting Glasses,
High Efficiency

30204

Daytime Shooting Glasses,
Standard Efficiency

30203



Accur-Aim™ Target with 3 Strips
Target Strips (35 Pieces)

30102

30143

PRODUCT DESCRIPTION

Model Numbers:

LDITL-M is supplied with a Momentary switch only.
Part No. 39994.

LDITL-P is supplied with a Momentary switch and
Positive On rocker switch that allows continuous
activation of the tactical light without using the
Momentary switch. Part No. 39992.

LDITL-S is supplied with a Momentary switch and
Positive Off (Kill) switch that prevents accidental
activation of the light using the pressure pad switch.
Part No. 39991.

APPLICATION

The LDITL light is intended to be mounted on the HK
MP5 submachine gun. The light can be used with the
optional KAC-Navy sound suppressor mounted on a
threaded barrel. The tactical light is intended to be
used in brief intermittent bursts to disorient and
temporarily blind opposing forces. **AVOID
PROLONGED ACTIVATION IN AN OPEN AREA, AS
IT MAY REVEAL YOUR POSITION TO OPPOSING
FORCES.**

GENERAL INFORMATION

Please read these handling and safety instructions as well as the instructions for your MP5 before attempting to mount or use this tactical light. Failure to comply with the installation instructions may result in damage to your weapon. In addition, please observe all laws relating to the use of firearms and accessory devices.

SAFETY FIRST

Unload your weapon (remove the magazine and any cartridge in the chamber) prior to mounting the LDITL tactical light on your MP5, before changing the batteries or lamp assembly or otherwise maintaining the unit.

Familiarize yourself with the ON/OFF switch for the unit. Make sure that the light is off. Remove the batteries prior to transporting the light to ensure that the unit cannot be accidentally activated during transit, in a gun case or while the light is being stored.

EXPORT

Purchaser agrees to abide by all laws and regulations relating to the sale of this device. **Export requires a valid export license issued by the U.S. Department of State.** Unless otherwise agreed in writing, the purchaser is responsible for obtaining any and all export and import licenses required by the U.S. Government or any agency that regulates the import or export of this device in the jurisdiction where the device will be used.



LDITL-S Foregrip for HK MP5 with 6-volt tactical light Momentary and Positive Off (Kill) rocker switch

Part #
39991



LDITL-S Foregrip for HK MP5 with 9-volt tactical light Momentary and Positive Off (Kill) rocker switch

39992

LDITL-M Foregrip for HK MP5 with 6-volt tactical light with Momentary switch

39994

LDITL-M Foregrip for HK MP5 with 9-volt tactical light with Momentary switch

39995

LDITL-P Foregrip for HK MP5 with 6-volt tactical light with Momentary switch and Positive On rocker switch

39989

OPERATOR™ Tactical Flashlight Mount only (no laser) for MP5

27284

OPTIONAL AIMING LASERS



Laser Dual Beam with SPP (635nM) and Infrared (835nM)

Part #

40045

Laser Dual Beam with Infrared (835nM) laser and Infrared (835nM) illuminator

40046

Laser Dual Beam with Infrared (835nM) laser and High Power Infrared (835nM) illuminator

40047



MP5 SPP (635nM) with straight wire paddle switch

16307

MP5 Infrared (835nM) with straight wire paddle switch

27273

MP5 SPP (635nM) with straight wire paddle switch for HK subguns equipped with detachable suppressor

16206

MP5 Infrared (835nM) with straight wire paddle switch for HK subguns equipped with detachable suppressor

27275

MP5 foregrip laser with SPP (635nM) diode (replaces flashlight head)

16344



MP5 foregrip laser with Infrared (835nM) diode (replaces flashlight head)

27311

Infrared laser illuminator (835nM) diode (replaces flashlight head)

27312

Illumination	95 lumens
Light Color	3000K (very white)
Focus	Focusable/defocusable
Environment	Waterproof to 20 meters
Foregrip Material	High impact polymer
Light Head	6061-T6 aircraft aluminum
Color	Flat black
Length	10.2 cm
Height	3.6 cm
Width	3.0 cm
Diameter, Reflector	3.3 cm
Weight	127.6 grams (including battery)
Battery	Two 3-volt 123A lithium batteries
Battery Life	1 hour
Standard Switch	Momentary
Optional Switch	Positive On rocker provides activation without Momentary
Optional Switch	Positive Off rocker provides a
Optional Switch	Kill switch to prevent activation
Warranty	One year
Specifications may change without notice	

LOCATION OF MAJOR PARTS

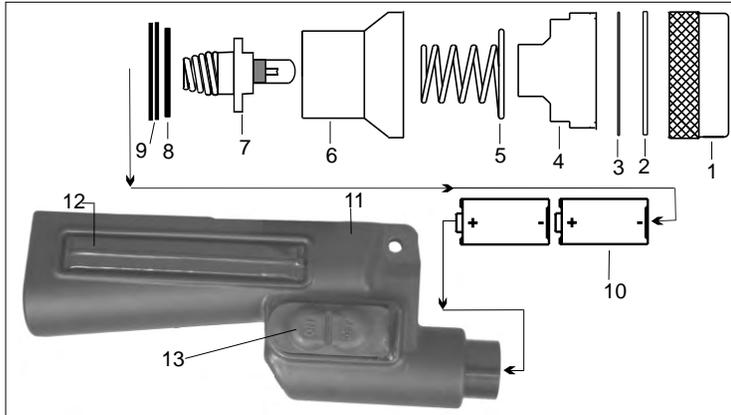


Figure 1

1. Flashlight Front Housing	Part # 3295
2. Flashlight Lens	850013
3. O-Ring for Lens	CO2731
4. Flashlight Reflector	850103
5. Flashlight Focal Spring	3417
6. Flashlight Rear Housing	3718
7. Flashlight Bulb Assembly	85019
8. O-Ring 2-016	FC00107
9. Anti-Lock Washers	FC00611
10. Battery (two 3-volt lithium)	30170
11. Foregrip Assembly	N/A
12. Momentary Switch	N/A
13. Optional On/Off Rocker Switch (Kill Switch or Positive On)	N/A

WARRANTY

Laser Devices, Inc. (LDI) offers a one (1) year limited warranty (excluding batteries and light bulbs), from the date of original purchase against failure due to defect in design, parts and workmanship of this product. The warranty is void if the product serial number has been removed or if the product has been misused, modified or neglected. LDI will replace defective products at its discretion. To the maximum extent permitted by law, LDI disclaims all other warranties whether expressed or implied, including but not limited to, implied warranties of merchantability and fitness for a particular purpose. In no event shall LDI or its suppliers, distributors, dealers or agents be liable for any damages whatsoever (including without limitation, damages for personal injury, wrongful death or pecuniary loss) arising out of the use or the inability to use any LDI manufactured product. This limited warranty gives the purchaser specific legal rights, which may vary by state and jurisdiction.

SERVICE AND REPAIR

The LDITL tactical light system for the MP5 is manufactured to provide years of rugged and dependable use. If the tactical light system needs to be repaired, please contact Laser Devices, Inc. or its European Service Center for a return authorization number (RMA). Once you obtain the RMA, package the product securely and return it, postage paid, to LDI. If the product is not covered by the warranty, you will be contacted regarding the nature and the cost of the necessary repair.

USA: Laser Devices, Inc
2 Harris Court, Suite A-4
Monterey, CA 93940 USA
Tel: (831) 373-0701
Fax: (831) 373-0903
Sales@laserdevices.com

Europe: Nightvision Lasers Spain
C/ Sanchez Guerrero No 4
28043 SPAIN
Tel: +34 91 3810600
Fax: +34 91 3819276
nightvisionlaserspain@nvlspain.es

INSTALLATION OF TACTICAL LIGHT

Step 1. Confirm that your weapon is unloaded (check the chamber and the magazine).

Step 2. Remove the foregrip supplied with the MP5 (see instructions supplied with the weapon). **Make sure to retain the mounting pin used to secure the foregrip on the weapon.**

Step 3. Install the tactical light foregrip on the weapon. Insert the mounting pin supplied with the weapon. See Figure 2.

Step 4. Install the batteries in the foregrip. See Figure 1.

Step 5. Test the tactical light to confirm proper operation.

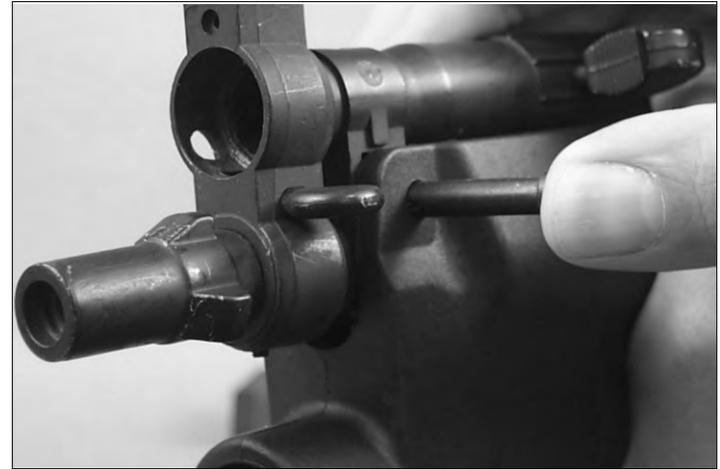


Figure 2

ACTIVATION OF THE TACTICAL LIGHT

To activate the LDITL tactical lights, depress the Momentary pressure pad switch. See Figure 3.

The LDITL-S light is also supplied with a Kill switch to prevent accidental activation of the Momentary pressure pad switch.

The LDITL-P light can also be turned On continuously by placing the rocker switch in the On position.



Figure 3

TROUBLESHOOTING THE LIGHT

If the LDITL light fails to operate or appears to operate at low power, please check the following prior to contacting the manufacturer for repair.

1. Fails to operate.

A. Replace the batteries (see pp. 9-10).

B. Check the battery installation to make sure the batteries were installed with the positive (+) terminal facing out of the foregrip as shown in Figures 1, p. 6; 4, p. 9; and 5, p. 10.

2. Light is weak or dim.

A. Check the front lens on the tactical light to make sure that it is not covered with dirt or powder residue. If the front lens is dirty, clean it with a cloth moistened with glass cleaner being careful not to scratch the lens.

REPLACING THE LAMP ASSEMBLY (cont'd)

Step 5. Reinstall the flashlight head assembly by turning in a clockwise direction.

Step 6. Test the tactical light to confirm proper operation.

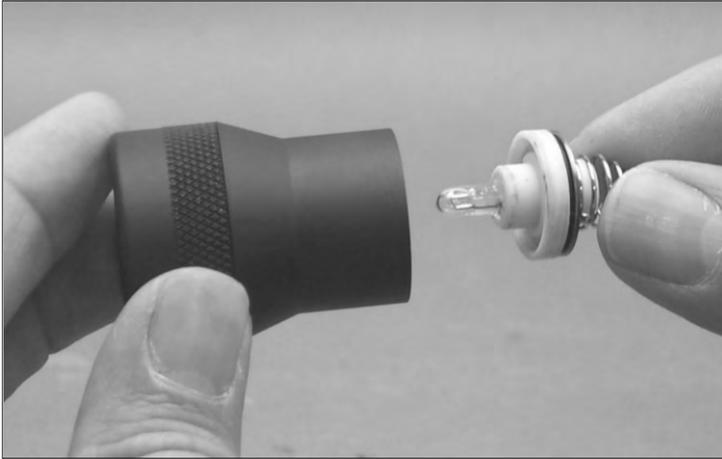


Figure 6

REPLACING THE BATTERIES

Two 3-volt (123A) batteries are used in the LDITL tactical light foregrip to provide 1 hour of bright illumination.

To replace the batteries, follow the steps below:

Step 1. Confirm that your weapon is unloaded (check the chamber and the magazine) and turn off the tactical light.

Step 2. Grasp the flashlight head assembly with your fingers and unscrew in a counter-clockwise direction.

Step 3. Remove the old batteries.

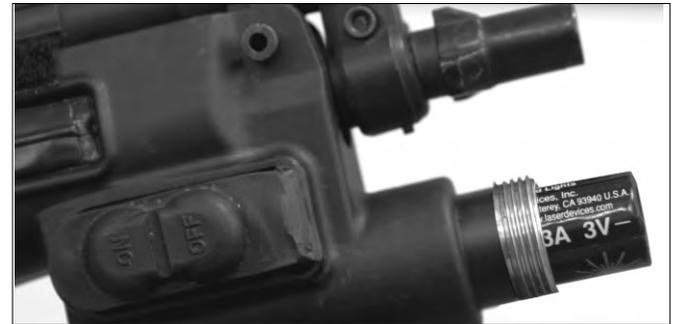


Figure 4

REPLACING THE BATTERIES (cont'd)

Step 4. Install the new batteries with the positive (+) terminal facing into the foregrip and the negative (-) terminal facing the flashlight head. See Figures 1, 4 & 5.

Step 5. Reinstall the flashlight head assembly by turning in a clockwise direction. See Figure 5.

Step 6. Test the tactical light to confirm proper operation.



Figure 5

The LDITL tactical light uses a lamp or bulb that will need to be replaced on a regular basis. To minimize the risk of an unexpected failure, always keep a spare lamp assembly on hand. To replace the lamp assembly, follow the steps below:

Step 1. Confirm that your weapon is unloaded (check the chamber and the magazine).

Step 2. Remove the flashlight head assembly by turning in a counter-clockwise direction. Remove the light module.

Step 3. Remove the lamp assembly, being careful not to touch the glass bulb with your fingers. See Figure 5, p.10.

Step 4. Install the replacement lamp taking care not to touch the glass bulb with your fingers. See Figure 6, p. 12. If you accidentally touch the glass bulb, use an oil free cloth and rubbing alcohol to clean the lamp.