

LaserMax

UNI™

RAIL MOUNTED LASERS



LMS-UNI-ES
LMS-UNI-G
LMS-UNI-IR
LMS-UNI-ES-RVP
LMS-UNI-GVP
LMS-UN-IR-RVP

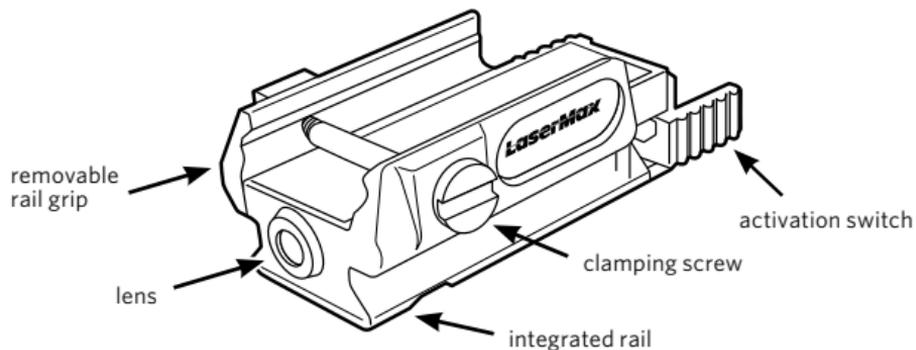
Operator's Manual

LMS-UNI-ES | LMS-UNI-G | LMS-UNI-IR



See this sight installed at www.youtube.com/LaserMaxInc.

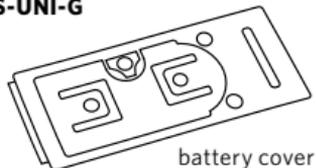
PARTS IDENTIFICATION



LMS-UNI-ES | LMS-UNI-IR



LMS-UNI-G



adjustment tool

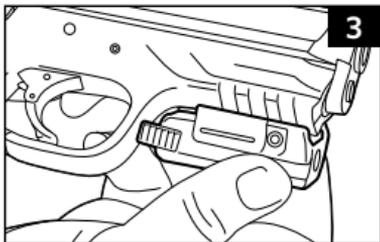
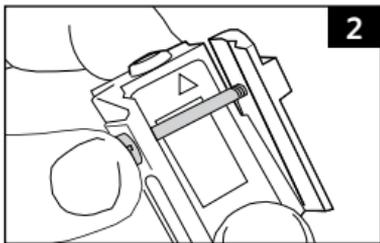
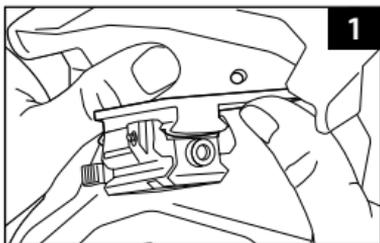




IMPORTANT: Prior to installation, battery change, cleaning or maintenance, follow the firearm operator's manual to ensure that the firearm is unloaded.

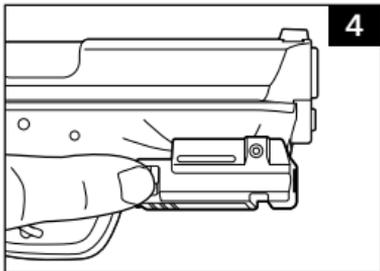
INSTALLATION ON PISTOL RAIL

1. To separate UNI from its packaging, first rotate the disposable rail support upward to expose *clamping screw*. You may need to press the two small posts on rail support to release them from the tray (figure 1).
2. Loosen *clamping screw* with a coin or flat head screwdriver (not provided). Do not remove *clamping screw*.
3. While gripping UNI housing, press in on *clamping screw* to expand opening of *removable rail grip* (figure 2) and remove from disposable rail support packaging.
4. Mount UNI on firearm rail as shown (figure 3), then release pressure on *clamping screw*. Ensure that UNI is securely positioned on rail surface and *clamping screw* is seated into rail notch.
5. Tighten *clamping screw* with a coin or flat head screwdriver.
6. Additional accessories may now be mounted to UNI's *integrated rail* following the accessory manufacturer's instructions.



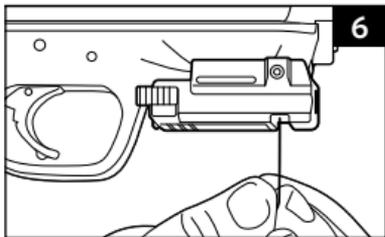
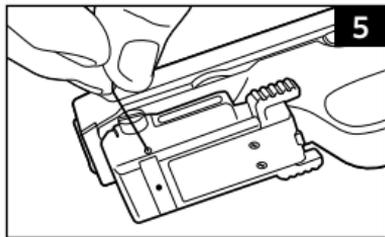
OPERATION

1. To turn laser on, press in on *activation switch* from either side (figure 4). Return switch to center position to turn laser off.
2. To switch laser aiming point from pulse to steady, turn laser on for at least two seconds, then turn it off. Next, cycle laser on and off three times from the same side, stopping at the center position between each cycle (each on/off cycle should take less than half of a second). To return the laser to the previous mode, repeat the process.
3. To save power and prevent inadvertent battery drain, UNI will shut off automatically after a ten minute period of inactivity. Cycle the *activation switch* to turn laser back on.



ALIGNING THE LASER

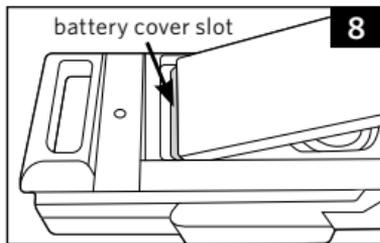
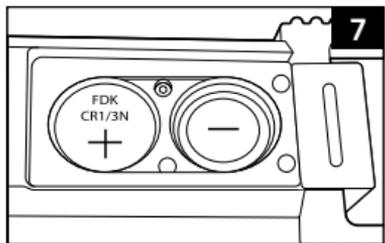
1. Alignment adjustments should be made at a minimum of 10 yards distance from the target. To begin, insert *adjustment tool* into one of the two alignment ports (figures 5 & 6) and slowly rotate the tool while comparing laser position on target to fixed sights. Important: Do not turn alignment screws more than one full turn in either direction from the factory position. This may cause damage to the laser and void the warranty. A one quarter turn will result in a movement of about 3 inches at 10 yards.
2. Windage adjustment: with the muzzle pointing forward and *adjustment tool* inserted into windage port, a clockwise turn will shift the laser aiming point to the left and a counterclockwise turn will shift it to the right (figure 5).
3. Elevation adjustment: with the muzzle pointing forward and *adjustment tool* inserted into elevation port, a clockwise turn will shift the laser aiming point down and a



counterclockwise turn will shift it up (figure 6).

Note: a slight shift in alignment may be observed after firing the first time. Recheck alignment after break-in and readjust as necessary.

BATTERY REPLACEMENT



1. Loosen both *battery cover screws* with a Philips head screwdriver to remove *battery cover*.
2. Turn UNI over to eject expended batteries.
3. Insert fresh batteries as shown (figure 7).
4. Reinsert *battery cover* by sliding edge of *battery cover* into *battery cover slot* (figure 8).
5. Reinstall *battery cover screws* to secure *battery cover*. Do not overtighten.

CLEANING

After repeated fire, the *lens* may become clouded with gunpowder residue. For best results, it is recommended that this area be cleaned, along with the firearm, after each use. To clean the *lens*, follow these steps:

1. Keep firearm pointed in a safe direction.
2. Confirm laser is off.
3. Dampen the end of a cotton swab with isopropyl alcohol.
4. Apply dampened swab to *lens* and polish in a small circular pattern. Be sure to clean around edges of *lens*.

REPLACEMENT PARTS

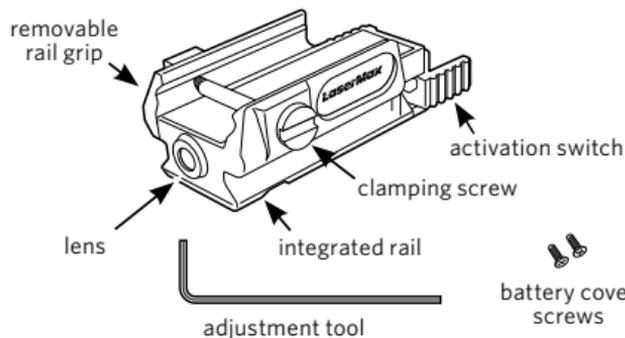
04520-3-3	battery cover (UNI-ES & UNI-IR)
LMS-UNI-BCN-G	battery cover (UNI-G)
LMS-UBCS	battery cover screws
LMS-2X357	(2) 357 batteries (UNI-ES & UNI-IR)
LMS-2X13N	(2) 1/3N batteries (UNI-G)
LMS-AT50	adjustment tool
LMS-UNI-CS	clamping screw with spring
LMS-UNI-RG	removable rail grip
LMS-UNI-AS	activation switch
04507-0-1	activation switch cover
LMS-SCS	activation switch cover screws
LMS-UNI-MAS- 6	momentary switch 6" cord
LMS-UNI-MAS-10	momentary switch 10" cord
LMS-MANTA	manta rail cover system

LMS-UNI-ES-RVP | LMS-UNI-GVP | LMS-UNI-IR-RVP



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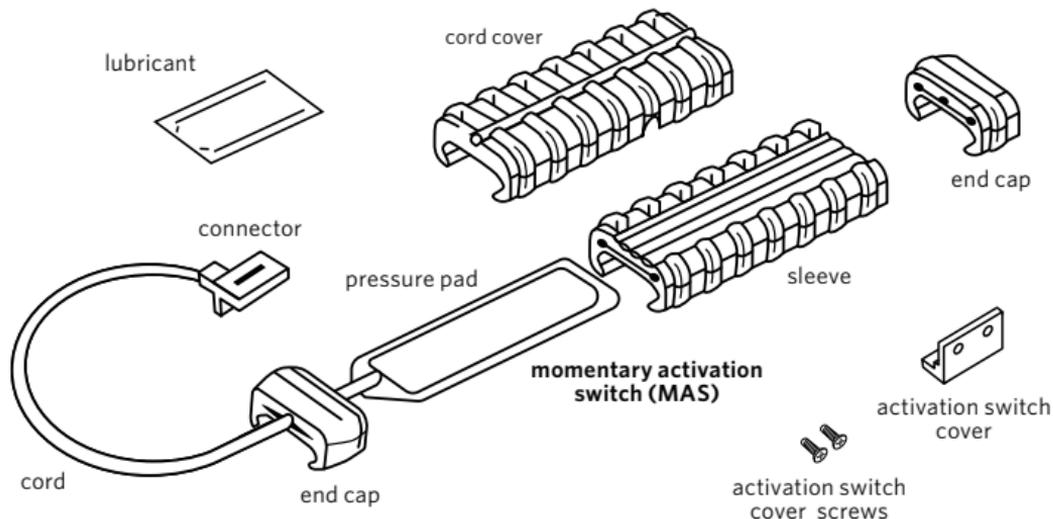
RIFLE PACK PARTS IDENTIFICATION



LMS-UNI-ES | LMS-UNI-IR



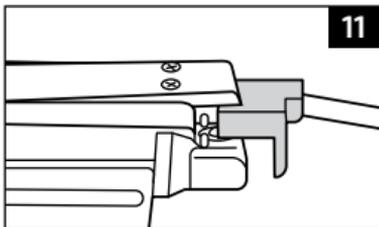
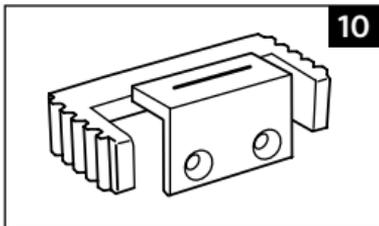
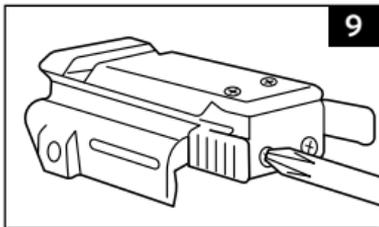
LMS-UNI-G



INSTALLATION OF MOMENTARY ACTIVATION SWITCH (MAS)

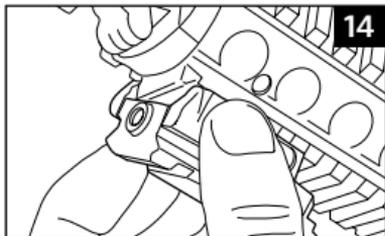
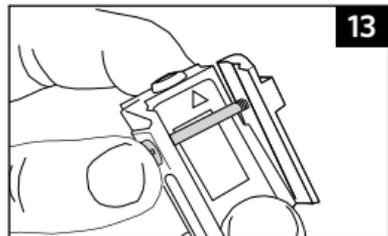
All UNI lasers leave the factory configured for use with the standard *activation switch*. To change to the rifle (MAS) configuration, follow these steps:

1. Loosen *battery cover screws* with a Philips head screwdriver (not provided). Do not remove.
2. Remove *activation switch cover screws* (figure 9) and set aside.
3. Carefully remove *activation switch cover* and *activation switch*. Store these parts for future use (figure 10).
4. Insert *connector of momentary activation switch* into opening in UNI as shown (figure 11).
5. Reinstall *activation switch cover screws* to secure *connector*. Do not overtighten.
6. Tighten *battery cover screws*. Do not overtighten.
7. Shift the UNI master ON/OFF switch toward the cable to activate the *pressure pad* of the *momentary activation switch* (figure 12). Verify connection by pressing the *pressure pad*. The UNI laser aiming point will now illuminate whenever the *pressure pad* is pressed.



 **Tip:** Slide Uni master ON/OFF switch to the “OFF” position during transport or when not in use to prevent inadvertent activation.

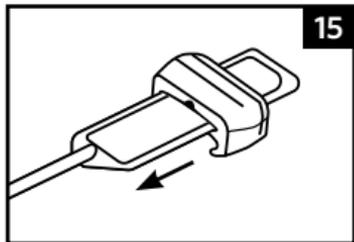
INSTALLATION ON RIFLE RAIL

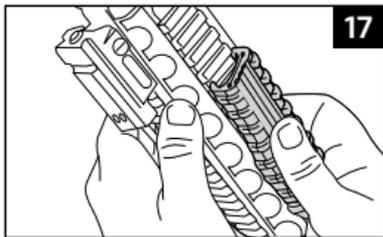
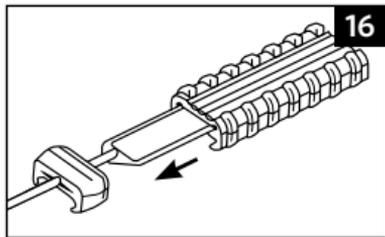


1. To install on rifle rail, first, loosen *clamping screw* with a coin or flat head screwdriver (not provided). Do not remove *clamping screw*.
2. While gripping UNI housing, press in on *clamping screw* to enlarge *removable rail grip* opening (figure 13).
3. Mount UNI on firearm rail as shown (figure 14), then release pressure on *clamping screw*. Ensure that UNI is securely positioned on rail surface and *clamping screw* is seated into rail notch.
4. Tighten *clamping screw* with a coin or flat head screwdriver.
5. Additional accessories may now be mounted to UNI's *integrated rail* following the accessory manufacturer's instructions.

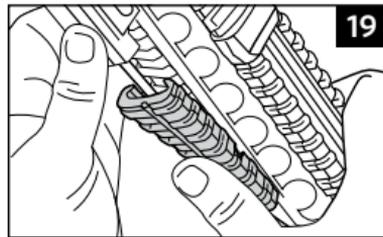
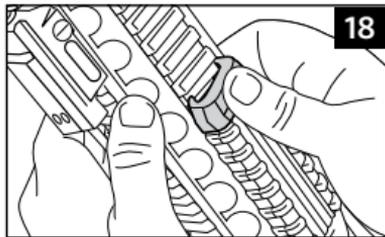
INSTALLATION OF MANTA® CORD MANAGEMENT SYSTEM

1. Insert *pressure pad* through front of Manta® *end cap* (figure 15).





2. Coat *pressure pad* with a small amount of *lubricant* to aid in installation.
3. Slide lubricated *pressure pad* into *Manta® sleeve* as shown (figure 16)
4. Position assembled *momentary activation switch* at desired location on firearm, angling to hook edge of *Manta® sleeve* on firearm rail (figure 17).
5. Snap opposing edge of *Manta® sleeve* onto firearm rail to secure.
6. Attach remaining *Manta® end cap* on opposite side of *Manta® sleeve* (figure 18).



7. Adjust *Manta® end caps* to achieve desired placement.
8. Snap supplied *Manta® cord cover* over cord to ensure snag-free operation (figure 19).



IF YOU EXPERIENCE AN ISSUE WITH YOUR UNI LASER, PLEASE DO NOT RETURN IT TO THE STORE.

Contact LaserMax Customer Service: ☎ 800-527-3703

LMS-UNI-ES
LMS-UNI-ES-RVP
Red Laser
CLASS 3R VISIBLE LASER
Output Power: <5mW
Wavelength: 600-700nm



REMINDER

Aiming a laser beam at moving vehicles including boats, aircraft, trains, and construction equipment may be illegal. Check current applicable laws and follow them accordingly.

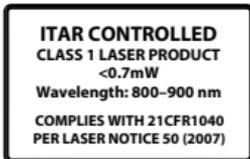
LMS-UNI-G
LMS-UNI-GVP
Green Laser
CLASS 3R VISIBLE LASER
Output Power: <5mW
Wavelength: 510-535nm



DANGER

Laser radiation is emitted from the front aperture of the laser when the switch is activated.

LMS-UNI-IR
LMS-UNI-IR-RVP
Infrared Laser
CLASS 1 LASER
Output Power: <0.7mW
Wavelength: 800-900nm



WARNING

Avoid direct eye exposure to beam. Do not point laser at anything you do not wish to destroy.

LASERMAX LIMITED WARRANTY



LaserMax is pleased to offer a five (5) year limited warranty for this product. To take advantage of this coverage, the product must be registered no later than 90 days after purchase.

This product may be registered by completing a Registration Form which may be found at www.lasermax.com/ support or by contacting the LaserMax Customer Service Department at 1-800-527-3703. The LaserMax Limited Warranty extends specific legal rights to the registrant. Other rights, which vary from state to state, may also apply. This product is warranted to be free from defects in material and workmanship at the time of purchase. This limited warranty does not cover expendable parts (ex: batteries), that have definite and predictable life expectancies. This warranty does not cover products that LaserMax determines have been exposed to abnormal use in any way. Examples of abnormal use include, but are not limited to, damage from mishandling, misuse or abuse, damage from exposure to abnormal conditions, damage from improper care and maintenance, or installation of the product in or on any firearm model the product is not specifically advertised to be used with. Warranty coverage begins on the date of purchase and ends five (5) years after date of purchase. This limited warranty extends only to the original registrant and is non-transferable. To file a warranty claim, a warranty repair request must be submitted, and a Return Merchandise Authorization (RMA) number issued by the LaserMax Warranty Department, within five (5) years from date of purchase. Following submission of a warranty claim, LaserMax reserves the right to inspect the product to determine its eligibility for warranty coverage. If deemed eligible, LaserMax will repair or replace the part(s)/product that LaserMax, at its sole discretion, determines to be defective during the warranty period. If deemed ineligible, LaserMax will return the part(s)/product with an explanation of why coverage is not available. LaserMax reserves the right to replace defective part(s)/product with an equivalent substitute product at its sole discretion. Any and all implied warranties, including the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, also begin on the date of purchase and end five (5) years after date of purchase. This limitation does not apply to residents of states that disallow limitations on the length of implied warranties. The preceding process is both the exclusive remedy and LaserMax's exclusive liability for any warranty claim. LaserMax will not, under any circumstances, be liable for any incidental, indirect, consequential, punitive or exemplary damages (even if LaserMax has been notified of the possibility of such damages) resulting from or related to a product, including, without limitation, any loss of profit, opportunity, or damages in excess of the purchase price of the warranted product. This limitation does not apply to residents of states that disallow limitations on incidental or consequential damages.

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For patent information, please visit:
www.lasermax.com/patents
01785-0-51 11/15, Rev B