

HOLOSUN®



MANUAL

RML-RD/-GR
RMLT-RD/-GR
RAIL MOUNTED LASER



SUBJECT TO AUTHORISATION IN DE



⦿ USAGE

The package contains the following items:

RML-RD/-GR / RMLT-RD/-GR

1x CR1/3N battery

Battery jacket

Torx® T10 tool

8 adapter inserts for rail mounting

Lens cleaning swab

Manual D / EN

Thank you for purchasing the RML from HOLOSUN®. The RML series are compact, yet powerful pistol-mounted aiming lasers, designed for precise target acquisition from any position. The RML can be mounted on any firearm that uses a MIL-STD-1913 (Picatinny) rail and is supplied with adapters for universal compatibility. Please read the operating instructions carefully before use. The operating instructions are part of this product. Please include these instructions if you pass the device on to another user.

WARNING



The user takes full responsibility and liability for ensuring that the RML is properly mounted on a firearm and that the RML is used correctly. Always check the condition of your mounting system before using your firearm.

- Do not store with the battery installed.
- Avoid hazards that could damage the device.
- All directions are given from the shooter's position.

Note: Do not short-circuit, swallow or throw the battery into a fire.

SAFETY INSTRUCTIONS

Never aim the RML directly into human eyes. This may cause temporary blindness or permanent eye damage. Do not cover the lamp head and do not place the lamp on the ground with the light head switched on. The radiant energy of the light may damage the lamp itself or even ignite other materials.

◎ FEATURES

1. The laser emitter uses the latest semiconductor chip technology with stable output power, low energy consumption, and a wide operating temperature range.
2. Super long standby capability with low-battery indication. A blinking laser indicates a low battery level.
3. The titanium housing of the RMLT series is extremely durable and highly corrosion-resistant. The RML series uses a special high-strength polymer housing.
4. The mount is compatible with MIL-STD-1913 (Picatinny) rails and includes weapon-specific mounts (adapters).

⦿ BATTERY

This laser is powered by a DC 3V CR1/3N lithium battery, which is included in the package.

1. Unscrew the battery cap counterclockwise using the supplied tool or a coin.
2. Insert a new battery into the battery jacket and place it back into the battery compartment.
3. Note that the positive (+) battery terminal faces outward toward the cap (Fig. 2).
4. Reinstall the battery cap by tightening it clockwise.

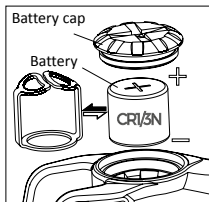
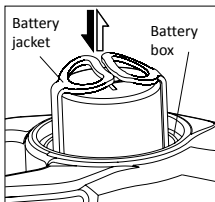
NOTE



The CR1/3N lithium battery cannot be recharged.

Low battery indicator: When the laser is switched on, it will blink if the battery level is low. Replace the battery as soon as possible according to Fig. 2.

Fig. 2



WARNING



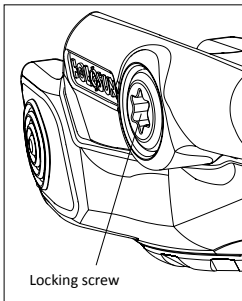
Damage to or removal of the O-ring seal on the battery compartment cap may allow moisture to enter and damage the electronics.

⦿ MOUNTING

The RML mount is designed for attachment to MIL-STD-1913 (Picatinny) rails. If the firearm being used does not have a Picatinny mounting rail, please consult a gunsmith to obtain a suitable mounting solution.

1. Remove the locking screw using the supplied TORX® T10 tool.
2. Attach the sight to the rail, ensuring a positive fit with the locking lugs.
3. Retighten the locking screw to 1.6–1.8 Nm (Fig. 3).
4. The zero retention accuracy is ≤ 2 MOA (5.8 cm at 100 m).

Fig. 3



WARNING



If you feel that the tool can no longer be turned, this indicates that you have reached the adjustment limit.

◎ ADAPTER INSTALLATION

The RML includes four weapon-specific adapters for installation. Using the correct adapter ensures that the laser activation buttons are always positioned close to the trigger guard to ensure a proper grip.

There are four types of adapters for GLOCK pistols (Fig. 4).

Adapter replacement and installation (Fig. 5):

1. Remove the locking screw to loosen the adapter, then remove the adapter.
2. Select the adapter for your application. Insert it into the mounting slot. Then reinsert the locking screw through the adapter into the locking block and retighten the screw.

Fig. 4

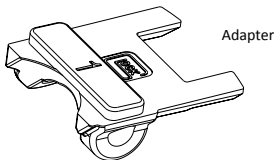
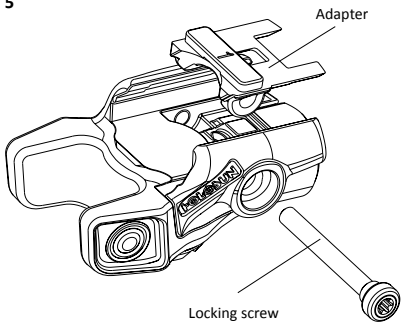


Fig. 5

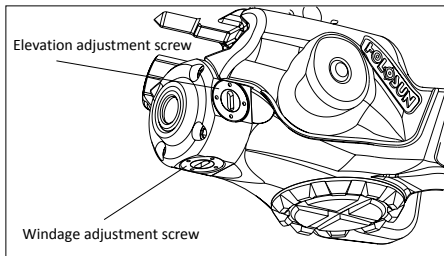


⦿ ADJUSTMENT

The windage and elevation adjustment features improved vibration damping and is waterproof.

Each adjustment click equals 4 MOA per click. The adjustment screw can be adjusted using the flat end of the supplied tool (Fig. 6).

Fig. 6



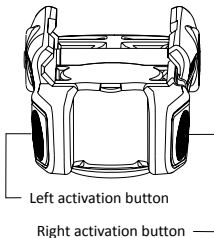
⦿ SWITCH OPERATION

The RMLT is equipped with left and right buttons for ambidextrous activation.

For constant activation, briefly press either button to turn the laser on. After approximately 5 minutes of activation, the laser will automatically switch off.

For momentary activation, press and hold either button for more than 2 seconds to activate the laser. The laser will turn off when the button is released.

Fig. 7



◎ TECHNICAL DATA

- Model RML-RD/-GR
or
Model RMLT-RD/-GR
- Wavelength (nm): depending on model
RD: 635
GR: 520
- Output power (mW): < 5
- Laser class: 3R
- Housing material: Titanium
- Housing color: Matte black
- Operating voltage: 3 V DC
- Operating temperature: -10°C bis +50°C
- Storage temperature: -40°C bis +70°C
- Laser windage & elevation adjustment range:
± 60 MOA
- Waterproof: sealed (IP68)
- Dimensions (without rail):
 - Length: 51 mm
 - Width: 30 mm
 - Height: 23 mm
- Weight: 37 g

⦿ MAINTENANCE / CARE

This device is a precision optical instrument that deserves reasonably cautious care. The following tips are provided to ensure long lasting use of the sight.

When cleaning the lenses with a microfibre cloth or soft, wet cloth, blow away the dust on surface first. Remove finger prints or other oil with lens cleaner, a soft cloth or microfibre cloth. No special maintenance is needed for the housing surface.

Avoid touching the glass surface with dry cloth or tissue paper. Do not use organic solvents such as alcohol or acetone. Do not try to dismantle the device as the internal parts are specially cleaned and sealed with an anti-fog treatment. Therefore the device has a nitrogen filling you would inevitably destroy by dismantling it. Any such attempt will void the warranty. If repair is needed, you can call our customer service centre, visit our website www.holosun.eu or send us an email.

⊙ TROUBLESHOOTING

Default	Possible cause	Remedy
Uneven illumination	Front lens may be dirty	Clean with commercially available spectacle cleaning cloth or microfibre cloth
No functions	Battery inserted incorrectly	Insert battery correctly
	Battery flat	Replace battery
	Equipment not switched on	Switch on
Weak illumination	Front lens may be dirty	Clean with commercially available spectacle cleaning cloth or microfibre cloth
	Battery almost flat	Replace battery

⦿ WARRANTY

For more information, see the warranty brochure attached to this product.

⦿ LEGAL NOTICE

WARNING



Before mounting the RMLT on a firearm, check the applicable legal regulations of your country. It is the sole responsibility of the user to inform himself about and comply with the applicable regulations in his country before purchase or use. Contact your competent authority!

◎ CE DECLARATION OF CONFORMITY

PICOTRONIC® GmbH | Rudolf-Diesel-Str. 2a
56070 Koblenz | Germany

takes sole responsibility in declaring that this product is in conformity with the following standards or standardized documents:



(IEC 61547:2020); German version
EN IEC 61547:2023 DIN EN IEC 61000-6-1:2019-11
in accordance with the provisions of Guidelines
2001/95/EG, 2012/19/EU, 2014/30/EU, 2011/65/EU,
2023/988

A handwritten signature in black ink, appearing to read 'D. Heckner', is written over a horizontal line.

D. Heckner, Managing Director PICOTRONIC® GmbH

Koblenz, December 2025

We constantly endeavour to optimize our products and so we reserve the right to modify the product specifications without prior notification.

⊙ WASTE DISPOSAL

Waste batteries must not be disposed of as household waste. Every consumer is legally obliged to dispose of waste batteries properly at the provided places of collection.

Do never ever dispose of the product into the normal household waste. The product must be subject to proper waste disposal in correspondence with EU Guideline 2012/19/EU in respect of waste of electrical and electronic equipment. You may hand in the product at any public place of collection within your local government authority.



