



Princeton Tec VIZZ-MPLS-MC Vizz Tactical MPLS LED Headlamp Instruction Manual

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LED Headlamp Instruction Manual



Princeton Tec®



VIZZ® **MPLS**

Operating and Maintenance Instructions

Figure 1 – Battery Replacement



Figure 2 – Switch Operation

Press 1x:
Red

Press 2x:
White Spot

Press 3x:
White Flood

Press 1x from On:
Off

From any mode:
Hold:
Dimming

Press 5 seconds:
Lock-Out

Press 5 seconds from Lock:
Unlock

Figure 3 – Performance

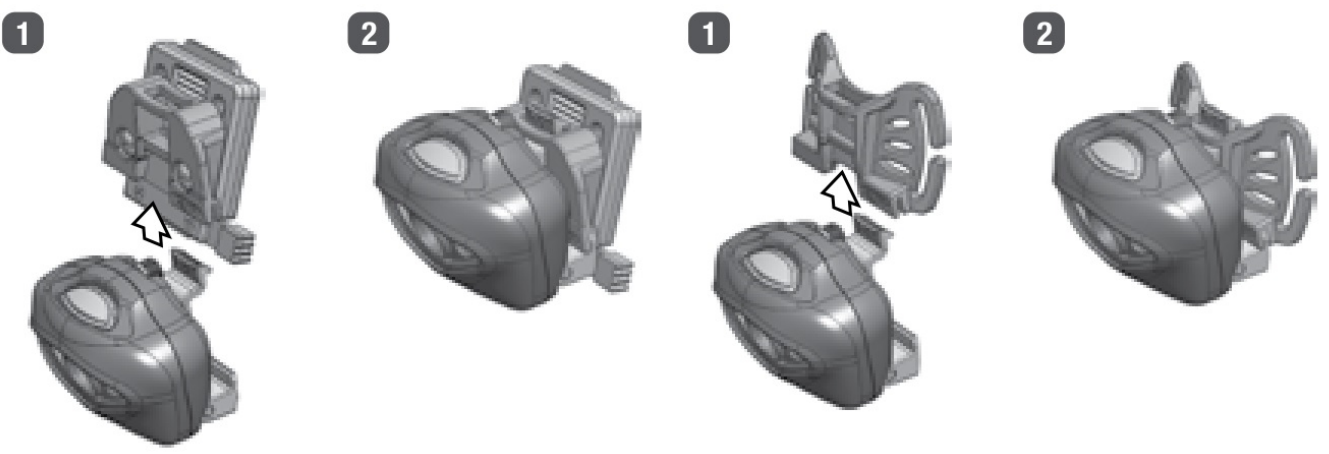
Modes	Runtime	Beam Pattern	Regulated	Reserve
SPOT HIGH	4		-	132h
SPOT LOW	54h		-	54h
WHITE FLOOD	90h		6h	14h
RED	135h		16h	15h
DISTANCE (m)	0	16	25	79

(ANSI FL-1 Standard)

Runtime is defined as the duration of time from the initial light output value—defined as 30 seconds after the point the device is first turned on—using fresh batteries, until the light output reaches 10% of the initial value.

Reserve time is the duration of time from 10% of initial light output value down to 0.25 lux

Figure 4 – Mounting System -



Battery Installation – See Figure 1

3 AAA

- Alkaline (LR03)
- Lithium (L92)
- Rechargeable NiCad or NiMH

Princeton Tec cares about the environment and recommends recycling batteries. For more information about battery recycling, please go to <https://batterysolutions.com>

Observe proper battery polarity. Improper installation of the batteries will damage the light and void the warranty.

WARNING

- Never mix fresh and used batteries.
- Never mix different battery brands or chemistry types
- Always remove drained batteries immediately.
- Remove batteries during long periods of storage.

NOTE: Lithium batteries offer extended constant brightness time, extreme cold weather performance, and lighter weight. Rechargeable NiCad or NiMH batteries may result in reduced brightness due to lower nominal voltage.

The Vizz battery compartment has a waterproof seal. It is important to keep this seal free from dirt and away from harsh chemicals in order to preserve waterproof integrity. Inspect the seal every time batteries are changed. If dirt is present, wipe gently with a damp cotton swab and mild soap until dirt is removed.

Switch Operation – See Figure 2

From off:

Single press – **Red**

Double press – **White Spot**

Tripple Press – **White flood**

Five second hold – **Lockout**

From On in any mode:

Hold – **Dimming**

Press after more than two seconds – **Off**

A single press more than two seconds after the previous button press will turn light off.

From off, 5 second hold will lock light to prevent accidental turn on and resulting battery drain. The Indicator LED (located inside the power button) will blink three times to confirm lock. 5 Second hold from the locked state will unlock the light and the indicator LED will flash to confirm unlock. Removal and replacement of batteries will also reset Vizz to unlocked state

Troubleshooting

If the Vizz fails to light:

- Check the batteries for proper installation.
- Replace batteries if proper installation is confirmed.
- Check circuit board for water (the seal may have been compromised by improper rear cover installation or dirty seal). The light will resume normal operation once the water is shaken or blown out and the light is left open until completely dry. If the light has been contaminated with salt water, flush the unit with fresh water and dry as described above.

Vizz Tactical MPLS Accessories

To attach the Vizz Tactical MPLS to the NVG Shroud:

1. Slide the bracket arm into the NVG Shroud adapter plate, making sure the pull tab is above the lip of the adapter plate and that the male grooves on the bottom of the bracket arm are aligned inside the female grooves on the bottom of the adapter plate.
2. Push the bracket arm securely into place, ensuring that the pull tab audibly clicks over the lip of the NVG Shroud adapter plate.
3. Your MPLS Headlamp should now be secured in the NVG Shroud.
You can rotate the headlamp to focus your light source accordingly.

To remove the MPLS headlamp from the NVG Shroud:

1. Remove the NVG Mount from your helmet.
2. Push up slightly on the bottom of the light housing.
3. While pushing upward, use the tool on the provided headstrap to press the tab of the arm bracket towards the headlamp housing, so that it disengages from the NVG Shroud adapter plate.
4. Slide the headlamp unit out of the NVG Shroud adapter plate.

To attach the MPLS Headlamp to the Butterfly Mount:

1. Slide the bracket arm into the Butterfly Mount, making sure the pull tab is above the lip of the mount and that the male grooves on the bottom of the bracket arm are aligned inside the female grooves on the bottom of the mount.
2. Push the bracket arm securely into place, ensuring that the pull tab audibly clicks over the lip of the Butterfly Mount.
3. Your MPLS Headlamp should now be secured in the Butterfly Mount.
The mount can be attached to the provided head strap, MOLLE straps, or any 1" webbing. You can rotate the headlamp to focus your light source accordingly.

To remove the MPLS headlamp from the Butterfly Mount:

1. Push up slightly on the bottom of the light housing.
2. While pushing upward, use the tool on the provided headstrap to press the tab of the arm bracket towards the

headlamp housing, so that it disengages from the Butterfly Mount.

3. Slide the headlamp unit out of the Butterfly Mount.

USA Lifetime Warranty – International 10-Year Warranty

Due to International regulations, Princeton Tec's lifetime warranty can only be offered to customers in the USA. Princeton Tec offers a 10-year warranty to our customers outside the USA. **FULL WARRANTY** – Princeton Tec warrants this product to be free from defects in workmanship and materials under normal use for as long as you own this product. This warranty covers all of the component parts of the product except batteries. This warranty does not cover deterioration due to normal wear or damage due to misuse, alteration, negligence, accidents, or unauthorized repair. Princeton Tec will repair or replace parts which are defective in workmanship or materials.

Your authorized Princeton

Tec Dealer and Princeton Tec are the only facilities authorized to repair the product. After (3) unsuccessful attempts to repair the product, you have the right to elect replacement of the product or a refund of the purchase price less allowance for use of the product. **NO INCIDENTAL OR CONSEQUENTIAL DAMAGES ARE INCLUDED IN THIS WARRANTY.** (Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.) This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Princeton Tec reserves the right to change product specifications without notice.

FOR CALIFORNIA RESIDENTS: WARNING: This product contains Bisphenol A (BpA) a chemical known to the State of California to cause birth defects or other reproductive harm.

Return Policy

If your light fails to operate, follow these simple steps:

1. Check batteries. Replace if necessary.
2. To send your light in for repair or replacement, first contact Princeton Tec customer service on **1-800-257-9080** to request an RMA number. Please have your light model, date of purchase and a brief description of the fault you are experiencing. No warranty repairs will be accepted without an RMA number.
3. Return the light without batteries to: **Princeton Tec, PO Box 8057 Trenton NJ 08650**. Postage due and freight collect items will not be accepted.
4. Upon receipt your light will be processed in about two weeks. Please allow additional time for return transportation from NJ.

Princeton Tec
PO Box 8057,
Trenton, NJ 08650
Phone: 609-298-9331
Fax: 609-298-9601

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