



UNILITE HT-680R Dual LED Head Torch User Manual

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UNILITE HT-680R Dual LED Head Torch



Product Information

- Product Name: HT-680R
- Beam Types: Spot Beam, Spot & Flood, Flood – High, Flood – Medium, Flood – Low
- Lumen Output: Spot Beam – 500 Lumens, Flood – High – 680 Lumens, Flood – Medium – 340 Lumens, Flood – Low – 180 Lumens
- Maximum Range: Spot Beam – 81 M, Spot & Flood – 89 M, Flood – High – 27 M, Flood – Medium – 18 M, Flood – Low – 7 M
- Battery: 3.7v 2600mAh Li-ion Rechargeable Battery
- Weight: 175g
- Dimensions:
 - Headtorch: W56 x H35 x D25mm
 - Battery Pack: W86 x H36 x D37 mm

Product Usage Instructions

1. Switch Sequence:
 - SPOT BEAM > SPOT BEAM & FLOOD > FLOOD LIGHT HIGH > FLOOD LIGHT MEDIUM > FLOOD LIGHT LOW > OFF
2. Memory Function:
 - If the device is left ON in any mode for 5 seconds or more, the next press will turn it OFF.
 - The next press ON will return to the last mode used.
3. On/Off Switch: Use the on/off switch to turn the product on and off.
4. LEDs: Do not look directly at the LEDs. They can become warm/hot when switched on, so do not touch them and never place your face too close.
5. Battery: The product uses a 3.7v 2600mAh Li-ion rechargeable battery. To reach full performance, the battery needs a few complete charging and discharging cycles. It is recommended to recharge the battery every 3-6 months, especially if it is not being used for a long period of time. Always fully charge the battery before storage.

6. Important Safety Precautions:

- Avoid skin contact with damaged batteries or lithium battery fluid. If contact occurs, rinse thoroughly with water and seek medical advice if irritation persists.
- Children under 12 years of age should only use the product under adult supervision.
- Do not open, disassemble, or modify the product, as it can be dangerous and will void the warranty.
- Take care not to let lenses come into contact with hard/sharp objects, as it can damage/scratch the lenses and affect light output.
- Do not use the product in the immediate vicinity of flammable materials or gases.
- Clean the product with a dry or slightly moist, clean, lint-free cloth and a mild detergent if required. Do not use cleaners that contain abrasives or solvents.
- The product is water-resistant to IPX5. Do not submerge it. Excessive moisture/water exposure may void the warranty.
- Dispose of the product through an authorized electrical appliance disposal center or at your local waste disposal unit. Do not dispose of it in normal household waste.
- Keep the packaging and these instructions for future reference or for subsequent possessors.






7. Warranty: The product comes with a 1-year standard warranty against manufacturing faults and defects. The warranty can be extended to 2 years by registering online at www.unilite.co.uk/warranty.

The warranty does not cover normal wear and tear, modifications, accidental damage, poor maintenance, disposable battery leaks, or the use of incorrect chargers and cables that can damage rechargeable batteries.

FEATURES

ANSI FL1 Standard



Spot Beam		500 Lumen	81 M	5½ H
Spot & Flood		680 Lumen	89 M	4 H
Flood - High		340 Lumen	27 M	5 H
Flood - Mid		180 Lumen	18 M	11½ H
Flood- Low		30 Lumen	7 M	30 H

- High power 680-lumen spot beam Cree LED, 6500k
- Secondary 500-lumen flood beam high CRI 90+ Cree LED, 4500k
- Memory Switch – remembers the last mode used
- Super tough construction with rubberized coating
- Fully adjustable non-slip silicone lined headband
- 4 x Helmet clips included
- 90° rotational head

- IP65 dust & water resistant
- IK07 shock proof – 2m drop resistant
- Rechargeable 3.7v 2600mAh Li-ion battery
- Useful battery level and charging indicator
- Quick USB-C Charging – 4½ hour charge time
- 1m USB-C charging cable included

1. **BATTERY** – 3.7v 2600mAh Li-ion Rechargeable Battery

2. **WEIGHT** – 175g

3. **DIMENSIONS** – Headtorch: W56 x H35 x D25mm

Battery Pack: W86 x H36 x D37 mm

ADVICE & IMPORTANT INFORMATION

- Do not look directly at LEDs.
- Do not operate in direct sunlight or extreme temperature conditions (below -20°C or above 60°C).
- LEDs can become warm/hot when switched on; do not touch and never place them face down on any surface – the risk of fire!
- Do not use the device if there is any visible damage.
- Take care when using USB plug adaptors, check for any damage. Check the charging output on the plug and DO NOT exceed the stated Max charging input or damage may occur to the battery and may void the warranty.
- The rechargeable battery will reach full performance after a few complete charging and discharging cycles.
- To keep the rechargeable battery in optimum condition, it should be recharged every 3-6 months, especially if it is not being used for a long period of time. Always fully charge batteries before storage.
- Always protect lithium batteries from heat, intense sunlight, fire, water, and moisture – the danger of explosion!
- If a battery is damaged, fluids can leak out. AVOID contact as this can lead to skin irritation and/or burns. If skin contact occurs, rinse thoroughly with water. If irritation persists, seek medical advice. Seek immediate medical assistance if lithium battery fluid comes into contact with the eyes.
- Children under 12 years of age should only use the product under adult supervision.
- Do not open, disassemble or attempt to modify the product; this will void the warranty and can be dangerous. Improper use or modification is not covered under the warranty.
- Take care not to let lenses come into contact with hard/sharp objects, damage/ scratches to lenses will affect light output.
- Do not use the product in the immediate vicinity of flammable materials or gases.
- Before cleaning the product, disconnect the charging cable. Clean with a dry or slightly moist, clean, lint-free cloth and a mild detergent if required. Do not use cleaners that contain abrasives or solvents.
- This product is water resistant to IPX5 – DO NOT SUBMERGE. If the product has been subjected to excessive moisture/water the warranty may be void.
- This product has a 1 year standard warranty (or extended to 2 years once registered online at WWW.UNILITE.CO.UK/WARRANTY) against manufacturing faults and defects. It does not cover normal wear and tear, modifications, accidental damage or poor maintenance. Unilite warranties do not cover disposable battery leaks or the use of incorrect chargers and cables that can damage rechargeable batteries.
- Do not dispose of this device in normal household waste. It must be disposed of via an authorized electrical

appliance disposal centre or at your local waste disposal unit.

- Please re-use or recycle packaging responsibly where possible.
- Keep these instructions for future reference or for subsequent possessors

OPERATION

- **Switch Sequence:** SPOT BEAM > SPOT BEAM & FLOOD > FLOOD LIGHT HIGH > FLOOD LIGHT MEDIUM > FLOOD LIGHT LOW > OFF
- **MEMORY FUNCTION:-** If left ON in any mode for 5 seconds or more, the next press will turn OFF. Next press ON will return to that last mode used.





CHARGING

1. Only use a 5V USB-C cable (max 1A).
2. Plug the USB-C end of the cable into the charge port on the bottom of the battery pack.
3. Plug the USB-A end of the cable into a USB charging port (do not exceed 5V-1A charging input or damage may occur).
4. Green flash indicates charging, Solid Green indicates fully charged.
5. Charge Time: 4½ hours
6. Make sure the charge port cover is secured back in place.

Warranty void if not used with the specified cable & max charge input





CHARGING INDICATOR



-  • Green Flash = charging
-  • Green = fully charged

BATTERY LEVEL INDICATOR

Battery indicator lights up for 10 seconds when the headtorch is turned on.

-  • Green = 65% – 100%
-  • Orange = 30% – 65%
-  • Red = 5% – 30%
-  • Red Flash = less than 5%

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Documents / Resources



[UNILITE HT-680R Dual LED Head Torch](#) [pdf] User Manual
HT-680R, HT-680R Dual LED Head Torch, Dual LED Head Torch, LED Head Torch, Head Torch

References

-  [Register Unilite Warranty Here - Unilite - Portable LED Work Lights](#)
-  [Ultra Bright, Portable LED Work Lights & Hand Tools | Unilite](#)
-  [Ultra Bright, Portable LED Work Lights & Hand Tools | Unilite](#)

-  [Register Unilite Warranty Here - Unilite - Portable LED Work Lights](#)

Manuals+.