

User guide

Profoto ProHead Plus

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www.profoto.com/support





Congratulations on your new Profoto product!

Regardless if you chose a new flash or a new light shaping tool, know that more than half a century's worth of experience was put into its making.

If the years have taught us one thing, it is never to neglect a single detail. We only put our name on a product in which we have the fullest confidence. Before shipping, every one of our products passes an extensive and strict testing program. Unless it complies with the specified performance, quality and safety, it is a no-go.

As a result, we are confident that your new Profoto product will stay with you for years and help you grow as a photographer. But getting the product is only the beginning of that journey. Using it for light shaping is the real adventure for today and into the future. That is why we take pride in providing you such a wide assortment of light shaping tools and continuing to bring you the latest technology to our products, allowing you to shape the light in any way you can imagine across any devices.

The almost infinite possibilities might seem bewildering at first, but we're certain you will soon get the hang of it.

Make sure you download our Profoto app and sign up to MyProfoto account to manage your Profoto devices and stay updated with product news and updates. You'll also receive insights, tips and tricks from leading photographers on how to shape light; because we hope that sharing our experiences from over 50 years of light shaping will inspire you to grow even further.

Enjoy your Profoto product.

Conny Dufgran, founder

General safety instructions



SAFETY PRECAUTIONS!

Do not operate the equipment before studying the instruction manual. Make sure that Profoto Safety Instructions is always accompanied the equipment! Profoto products are intended for professional use! Generator, lamp heads and accessories are only intended for indoor photographic use. Do not place or use the equipment where it can be exposed to moisture, extreme electromagnetic fields or in areas with flammable gases or dust! Do not expose the equipment to dripping or splashing. Do not place any objects filled with liquids, such as vases, on or near the equipment. Do not expose the equipment to hasty temperature changes in humid conditions as this could lead to condensation water in the unit. Do not install the ProHeads above maximum height of 2 m (6,5 feet), always make sure it is securely attached to the stand. Do not connect this equipment to flash equipment from other brands. Do not use flash heads without supplied protective glass covers or protective grids. Glass cover shall be replaced, before using the equipment, if it has become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches. Lamps shall be replaced if they are damaged or thermally deformed. When placing a lamp into the holder ensure not to touch the bulb with bare hands, always use protective gloves and allow equipment to cool before replacing lamp. Always lift generators and lights by their handles and never by the connectors or cables.



WARNING - Electrical Shock - High Voltage!

Warning - The terminals marked with the flash symbol are hazardous live. The generator can contain hazardous live even when powered off and / or the mains cable has been removed. Do not connect Profoto lights to other generators than Profoto Pro-series. Mains powered generator shall always be connected to a mains socket outlet with a protective earthing connection! Only use Profoto extension cables! Do not open or disassemble generator or lamp head! Equipment operates with high voltage. Generator capacitors are electrically charged for a considerable time after being turned off. Do not touch modeling lamp or flash tube when mounting umbrella metal shaft in its reflector hole. Equipment must only be serviced, modified, or repaired by authorized and competent service personnel! The only user serviceable parts are glass cover, flash tube, modelling light lamp, and fuse. Always disconnect the lamp cable from the generator before attempting to replace glass cover, flash tube, modelling light lamp, or fuse. Make sure to periodically inspect the lamp cable connectors to make sure that no pins have been damaged or that the connector display any signs of damage. A damaged connector should always be replaced by Profoto service. The lamp cable is used as disconnect device.



Caution

Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eye. Do not trigger a flash towards an unexpectant subject, any person operating heavy equipment, or on anyone performing any other activities where an unexpected flash could cause injury or harm. Please note that flashes can be triggered remotely from a long distance.



Caution - Burn Hazard - Hot Parts!

Do not touch hot parts with bare fingers! Modeling lamps, flash tubes and certain metal parts emit strong heat when used! Do not point modeling lamps or flash tubes too close to persons. All lamps may on rare occasions explode and throw out hot particles! Make sure that rated voltage for modeling lamp corresponds with technical data of user guide regarding power supply! The unit will be HOT especially if non fan cooled heads used. It is advisable not to leave it with the modeling lamp switched on for long periods, especially with the iris in the closed position. Always operate the iris by holding the plastic handle. Always hold the top plastic handle when adjusting the position and allow the unit to cool before attempting to remove it from the flash head. Should a modelling lamp light or flash tube break during use, hot particles may be emitted from the device. Make sure to operate the light from a safe distance.

NOTICE NOTICE - Equipment Overheating Risk!

Remove transport cap from lamp head before use! Do not obstruct ventilation by placing filters, diffusing materials, etc. over inlets and outlets of the equipment ventilation or directly over glass cover, modeling lamp or flash tube!

Note about RF!

This equipment makes use of the radio spectrum and emits radio frequency energy. Proper care should be taken when the device is integrated in systems. Make sure that all specifications within this document are followed, especially those concerning operating temperature and supply voltage range. Make sure the device is operated according to local regulations. The frequency spectrum this device is using is shared with other users. Interference can not be ruled out.

**Final Disposal**

When the product reaches end of service, do not dispose of it with your other household waste. Equipment contains battery, electrical and electronic components that could be harmful to the environment. Equipment may be returned to Profoto distributors free of charge for recycling. Follow local legislation for disposal of batteries, electrical and electronic components, respectively.

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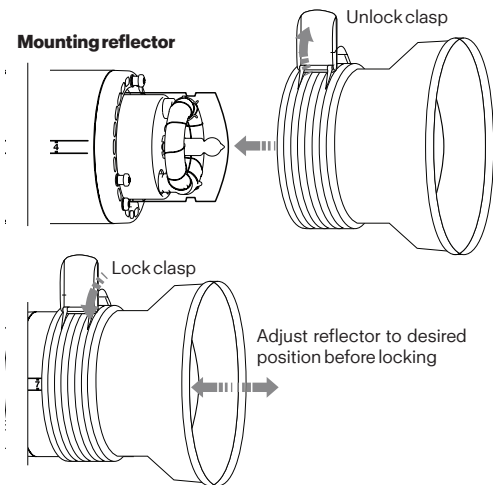
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Brief instructions

- Remove protecting cap.
- Connect the ProHead to the generator lamp head socket.
- Orientation for intended use of ProHead: Vertical and Horizontal.

Mounting reflector

The unique rubber collar fastening makes it easy to mount and adjust the position of the reflector. The rubber collar allows the reflectors to be handled when hot.



Connecting lamp head

When connecting the lamp head plug to the lamp head socket, align the dots on the plug with the white dot on the generator panel. Push the plug all the way in. Secure by turning the locking ring on the plug clockwise.



Changing fuse

The fuse is placed at the back of the head. Unscrew the fuse holder counterclockwise. Pull the fuse out. Use fuses that are recommended, for more details please read “Technical Data”. Push the new fuse all the way in. To lock the fuse holder after the fuse is changed, screw the fuse holder clockwise.



Note!

Always disconnect the lamp cable from the generator before attempting to replace glass cover, flash tube, modelling light lamp, or fuse.

Changing glass cover

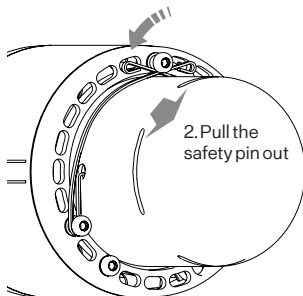
When removing the glass cover, unlock the two safety pins by pressing down and pulling, one by one. Remove the glass cover. To lock the glass cover when the glass cover or lamps are changed, fit the glass cover carefully and make sure the safety pins fit properly in the existing holes on each side of the glass cover. Secure the glass cover to lock by pressing the safety pins down and then pushing them one by one under the top screw.

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Changing glass cover

Unlock glass cover

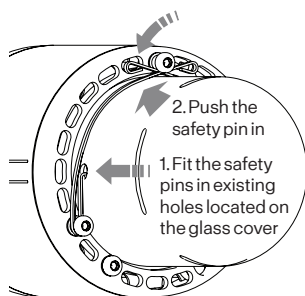
1. Press down the safety pin to release
2. Pull the safety pin out



Changing glass cover

Lock glass cover

3. Press down the safety pin and fit under the screw to lock



Note!

Do not touch hot parts with bare fingers! Modeling lamps, flash tubes and certain metal parts emit strong heat when used!

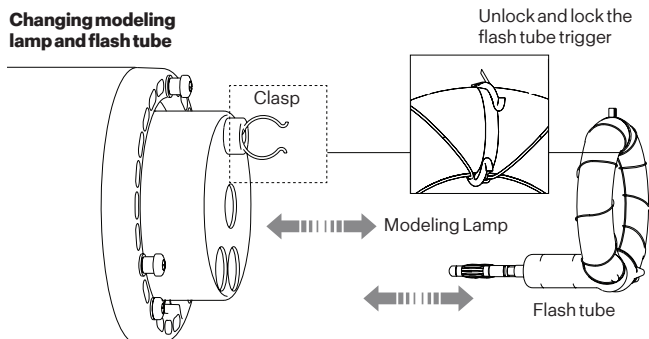
Note!

When changing modeling lamp, flash tube, fuse or glass cover the lamp cable must be disconnected from the generator.

Changing modeling lamp

When removing a modeling lamp, unscrew the modeling lamp straight out of the socket. When inserting a new modeling lamp, screw it straight into the socket. Do not touch lamp with bare hands.

Changing modeling lamp and flash tube



Changing fuse

Changing flash tube

When removing a flash tube, remove the glass cover, unlock the flash tube trigger by unfolding the stainless steel ribbons around the clasp, grasp the flash tube in the bottom and pull it straight out of the sockets. When inserting a new flash tube, check that the trigger clasp fit properly around the flash tube trigger connection. Lock the flash tube trigger by folding the stainless steel ribbons around the clasp.

Note!

Always disconnect the lamp cable from the generator before attempting to replace glass cover, flash tube, modelling light lamp, or fuse.

Compatibility

The ProHead Plus can be used with Pro and D4 generators.

Accessories

Please consult with your local dealer or distributor for specific information.

Technical data

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Specifications	
Flash capacity:	4.7– 4800 Ws
Modeling Light:	120 V max 500W high efficient halogen lamp, Japan 100V max 300W.
Fan:	Yes, thermostatically controlled 2 speed fan
Cable Length:	4 m
Fuse:	T 6.3 AH/250 V
Measurements	
Diameter:	10 cm (4")
Size:	27 cm depth (10.5")
Weight:	2.2 kg (4.8 lbs)

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Technical data and product information are subject to change without notice.

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