



dynalite
dynamic lighting

Flash Head Instruction Manual
For Model: MH2050 Fan Cooled Strobe Head



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For nearly 40 years, Dynalite has been committed to the design and manufacturing of professional quality, light-weight and ultra portable studio and on-location flash equipment. Our products have earned their trust and respect one photographer at a time by continuously addressing the needs of the most demanding photographers in the industry. Dedicated to product improvements and innovative new products, Dynalite is committed to professional photographers.

The New MH2050 Flash Head is the latest addition to the Dynalite family. In the true spirit of Dynalite, the MH2050 Flash Head offers a smaller, lighter and more compact overall design. Responding to the demands of Pro shooters, the MH2050 now includes an illuminated power switch, ergonomic knobs and levers, and a built-in cable socket.

As with all Dynalite products, the MH2050 Flash Head has undergone extensive quality control throughout every step of the manufacturing process. Please follow the recommend operating procedures for years of reliable performance.

Thank you for choosing Dynalite.

Important Safeguards

When using this flash equipment, basic safety precautions should always be followed; including the following:

1. Read and understand ALL instructions and specifications before using your Dynalite equipment.
2. Care must be taken when handling the flash heads as injury could occur from touching the modeling lamp(s) or flash tube(s).
3. **DO NOT** operate a power pack or flash head with a damaged cord or if the unit has been dropped.
4. If an extension power cord is necessary, a cord with a suitable current rating should be used. Cords rated for less than 15 amps may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled from the electric source outlet.
5. Unplug the power pack from the electrical outlet when not in use. **NEVER** yank the cord to pull the plug from the outlet.
6. Let flash heads cool completely before putting them away. Loop flash cables in an 8" to 10" diameter coil when storing.
7. **DO NOT** allow power cord(s) or flash head cable(s) to hang on or touch hot surfaces.
8. To avoid electrical shock hazard, power cords/packs must be properly grounded. **DO NOT** attempt to disassemble the power pack. Incorrect reassembly could cause an electrical shock hazard when a power pack is subsequently used. Take it to a qualified Dynalite service technician when repair is required.
9. When the power pack is not in use for one month or more, it is wise to periodically plug the power pack in and turn it ON for a couple of hours. It is not necessary to operate a flash head during this "idling" time.

4. Install the new flash tube assembly by aligning the three connection pins with the three connection sockets inside the flash housing. Ensure that the connection pins are aligned correctly and in the proper configuration before installing the flash tube assembly. Gentle push the reflector/flash tube assembly until the edge of the reflector is flush with the outer edge of the flash housing.

Note: Use only the appropriate flash tube.

Technical Specifications:

Model	Flash Tube watt seconds	Flash Color Temp	Modeling Lamp watts	Modeling Lamp Color Temp
MH2050	2000 w/s User replaceable (part # 2405)	UV Coated 5400°K	Quartz 250 watts User replaceable (part # 0515)	3200°K 2000 (hr)
	Fan Cooled	Accessories	Dimensions	Weight
	Yes – built-in	Compatible with all 1015 and 2040 accessories	5.5" L x 5" W x 8.25" H (7.5" folded mount)	1.93lbs

Please Note: Specifications are subject to change without notice.

Warranty Policy

Dynalite, Inc. provides the original purchaser with warranty repair or replacement of the product against defects and workmanship for two years. For Terms & Conditions, please refer to the warranty card included with your Dynalite MH2050 Flash Head or visit us at www.dynalite.com.

Please Note: Modeling lamps are not covered under the warranty and Dynalite reserves no responsibility for the lamp hours of operation.

Replacement of the Modeling Lamp

1. Unplug the flash head from the power pack and allow the flash head to cool before touching the modeling lamp.
2. Remove flash head accessories if present.
3. Remove the modeling lamp from the flash head by pressing the lamp in and then turning it counter-clockwise until it is released from the socket.
4. Install the new lamp by aligning the bayonet pins on the lamp base with the bayonet slots on the lamp socket. Press the lamp in while turning the lamp clockwise.



Please Note: Do not touch the new lamp with your hands. Oils from your hand can cause premature failure of the lamp or could cause an unexpected shattering of the lamp.

Replacement of the Flash Tube

1. Unplug the flash head from the power pack and allow the flash head to cool before touching the modeling lamp.
2. Remove flash head accessories if present.
3. Remove the flash tube by rocking and/or pulling the outer edge of the reflector assembly out of the flash housing.



Parts Designation

MH2050 Fan Cooled Flash Head

- 1) Flash Tube (2000 watts part# 2405)
- 2) Modeling Lamp (250 watts part# 0515)
- 3) Tilt Head
- 4) Light Stand Locking Knob (part# C47092)
- 5) Locking Tilt Head Handle (Multi-Position Ratcheting, part# C47098)



- 6) Umbrella Locking Knob (part# C47093)
- 7) Illuminated Model lamp Switch
- 8) Cable Socket
- 9) Cooling Fan
- 10) Umbrella mounting hole

Standard Flash Head Features

- UV Color Corrected Flash Tube (2000 w/s part number 2405)
- Quartz Modeling Lamp (3200°K, 250 watts part number 0515)
- Universal Light Stand Mounting (for 1/2" and 5/8" light stands)
- Umbrella Mount (9mm hole accommodates up to 9mm umbrella's)
- Protective Flash Head Cover

Setting up the MH2050 Flash Head

1. Unpack your new Dynalite flash head and make sure that all items are accounted for in accordance with the parts designation list.
2. Before firing the flash head, be certain to remove the plastic flash head protective cover (yellow cap).
3. Mount the flash head to an appropriately sized light stand and secure the flash head to the light stand using the locking knob (see Parts Designation).
4. With the power pack OFF, connect the power pack cable to the head cable socket (part number 0418) on the flash head. With the power pack OFF, connect the other end of the power pack cord to the power pack socket. Ensure that both connectors are securely fastened before turning the power pack ON.

Lighting Accessories

The new MH2050 flash head is compatible with the following lighting control accessories:

<u>Catalog #</u>	<u>Description</u>	<u>Catalog#</u>	<u>Description</u>
RR-50	10" 50° Parabolic Reflector	RR-80	9" 80° Parabolic Reflector
RR-AR	Angle Reducing Ring	RR-AF	Accessory Frame
RR-AFBD	Barn Doors	LR-716A	Speed Ring
RR-GH	7" Grid Spot Holder	LB-2432	24"x32" SM. Light bank
RR-4G	7" Black Grid Set	LB-3648	36"x48" MED. Light bank
SR-65SN	Snoot	MGB-2432	24"x32" Grecco Light Bank
44-01B	Umbrella	MGB-3648	36"x48" Grecco Light Bank

Dynalite Lighting Controls and System Accessories



RR-80



RR-50



RR-AR



MGB-2432 / MGB-3648



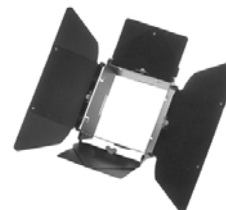
RR-GH



44-01B



RR-4G



RR-AFBD



LR-716A



SR-65SN