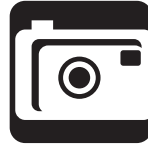


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**SP3500 VARIABLE POWER
STUDIO FLASH SET**



SP3500 Professional Series Studio Light Kit

- Ⓐ Qty. 2 SP160 Professional Studio Strobes (160 Watt-Second) 75-watt modeling light.
- Ⓑ Qty. 1 Synch Flash B (45-Watt/Second) Includes A/C screw socket with umbrella holder.
- Ⓒ Qty.2 Light Stands (extends from 31" to 78")
- Ⓓ Qty 1 Light Stand (extends from 16" to 42")
- Ⓔ Qty. 2 Softbox (20" X 28")
- Ⓕ Qty. 1 Umbrella (33" gold reflecting umbrella)
- Ⓖ Qty. 1 Carry case (designed to carry all SP3500 included equipment)
- Ⓗ Qty. 1 1 Backdrop (10' x 20' large fabric backdrop) Includes light proof carry bag.
- Ⓘ Qty. 2 Backdrops (6' x 9') (one pure black and one pure white) Includes light proof carry bag.

Accessories:

- ⓵ Qty. 1 Collapsible Reflector (32" double sided - Silver / Gold)
- ⓶ Qty. 1 Four Leaf Barn Door
- ⓷ Qty.1 Set of 4 Color Gels
- ⓸ Qty. 1 Honeycomb Filter
- ⓹ Qty. 1 Snoot attachment
- ⓺ Qty. 1 4 Channel Wireless Trigger Device

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SP3500 Flash Studio Kit

Thank you for your purchase of the SP3500 Flash Softbox Studio kit. This manual has been written to help you with the assembly, operating procedures and accessories. Square Perfect's SP3500 Flash Kit is manufactured with the finest material available. Your flash kit will provide many years of quality service with proper care and handling.

Please read this manual carefully before use, and keep it handy for use during break down of equipment. Please read and heed all safety precautions listed in this manual. For ordering spare bulbs or replacement parts, contact us at info@squareperfect.com. Also check out our extended line of photo equipment now available.



Nylon Carry Case. Two layer for stowing light stands (bottom) Second layer has adjustable compartment for easy.



SP160 lamp body.
12' power cord.



SP803 professional duty adjustable light stand.
Small stand for highlight / fill strobe flash.



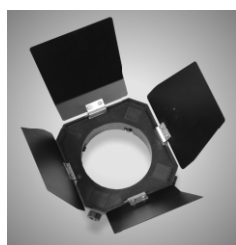
Highlight / Fill strobe lamp body.



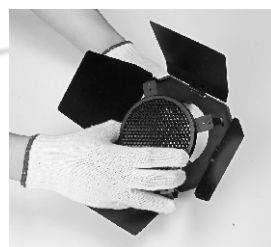
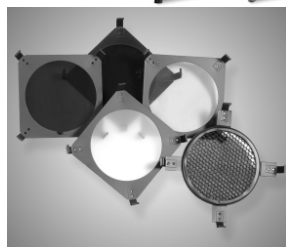
Varigated dye backdrop
Black backdrop
White backdrop



Four panel softbox set. SP 4" lamp connector.



Four leaf barn door.



1 set Red, blue, yellow frosted and honeycomb filter. Easy snap on attachment.



Four leaf barn door set with color filter attached to the SP160 flash head on the SP803 stand.

Technical notes for use:



Snoot will direct light to exact spot without affecting surrounding area.



If fill strobe is not working, be sure to check the on/off switch. Located on the back of the lamp holder.



Remove protective cover from mounting tip before attempting to place flash head on stand.

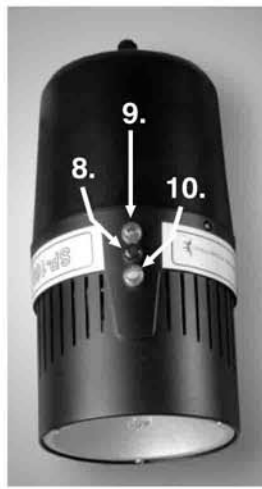


1. Swivel screw.
2. Umbrella rod mount.
3. Mounting screw

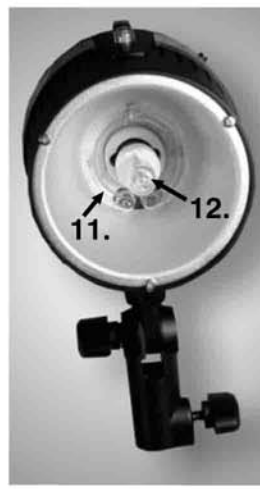
SP160 Lamp Head Operation:



1. On/Off electric supply.
2. Variable flash dial.
3. On/Off, model lamp.
4. On/Off flash ready beep.



5. Flash test.
6. Sync receptacle.
7. Safety fuse.
8. Charging lamp.



9. Flash ready lamp.
10. Slave dome
11. Flash ring
12. Model lamp

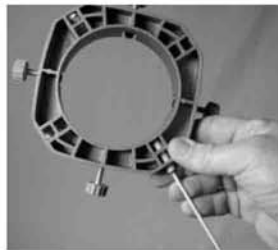
Specifications:

Power Input : AC110-130 volt, 60 Hz
 Flash Power : 160ws (joule) in full
 Guide No. : 120ft/36m ISO100
 Color Temperature : 5600K
 Flash-Tube Lifetime : over 8,000 typical flashing
 Flash Power Setting : 1/16 to full
 Recharge Time : 0.5-3 seconds in full
 Flash Duration : 1/600 sec.; 1/1000 sec.
 Slave Range : 35ft /10m
 Lighting Range : 55 degree
 Modeling Power : Halogen 75w
 Bulb Base : E-14 screw
 Synch Voltage : 5 volt
 Fuse : 5A
 Dimension : 4" x 7-1/2"
 Weight : 1.8 Lb (800g)

SAFETY PRECAUTIONS:

- Become thoroughly familiar with this product before use. Run through at least one practice assembly and breakdown before you schedule a shoot.
- Make sure that the main voltage corresponds to that stated on the SP lamp. Account for number of lamps in use.
- Never leave the lighting unsupervised when in use. Keep children or incompetent persons away from lighting equipment.
- If the lamp or the cord show sign of wear or damage, it should be replaced or repaired by a qualified electrician before use.
- Wait until the bulb is completely cool before touching or removing it.
- Never use the SP lamp outside in a wet environment.
- Never move the appliance by pulling the cord. Make sure the cords do not come in contact with halogen bulb. Do not wind the cord around the appliance.
- Stand the SP on a flat surface only to prevent toppling.
- Do not touch the metal parts on the lamp while in use, these metal parts will become very hot.

Softbox Assembly:



1. Pictured is the SP4" lamp ring connector shown with the large end of the flex rod inserted.



2. Small end of flex rod fit into corner pocket on the softbox tent.



3. With three rods inserted into the ring and corners, fold the SP 4" ring into the tent.



4. Next insert the fourth rod into the SP 4" ring. *Note:* Keep the velcro flaps at the ring open to allow sufficient slack.



5. Insert the fourth rod into the pocket on the velcro strap.



6. Push the velcro strap into place just below the lip of the tent. *Note:* the rods take a good deal of force to flex into position.



7. Now close the velcro flaps as shown in the picture.



8. The SP 4" ring can now be attached to the SP 160 flash unit. *DO NOT* over tighten.



9. Next attach the inner diffusion lense with the velcro straps.



10. Attach the outer diffusion lense to velcro patches on the outer edges.

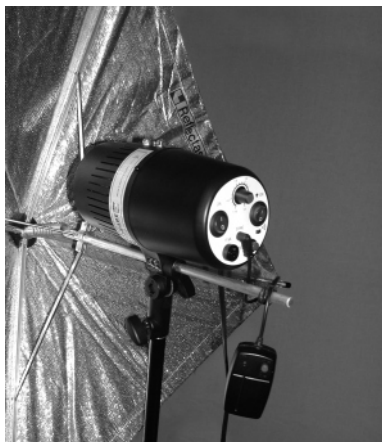
Electronic Radio Trigger Device

The SP3500 Flash Kit is shipped with the a Wireless Triggering Device for your convenience. It is an easy to use device that will give you extra control in the photographic studio environment. The Wireless Triggering Device is designed to work with a variety of flash units. We provide a wide range of sync cord adaptors to fit most popular brands.

The Wireless Triggering Device has four channels and uses a 23A battery (installed). The receiver uses two AAA batteries (not included).



1. To use the Wireless Triggering Device, first slide the trigger into the hot shoe found on top on your camera. If a hot shoe is not available, use the sync cord attachment found on the side of the trigger device.
2. Attach the receiver to a remote flash unit. Use the proper sync cord adaptor provided, plug into sync cord socket.
3. Switch the receiver unit ON/OFF button to the ON position. Press the test button located on the top of the trigger unit. You will see a twinkling of the LED on the receiver unit. This indicates the trigger is working properly and is locked-in on a working channel of the receiver.
4. Switch the remote flash unit power switch to the ON position with the receiver attached. Push the test button on the trigger, it should trigger the remote flash unit.
5. To change channels on the trigger, slide the channel switch on the side of the trigger device to one of four positions. Next press the power switch on the receive unit twice to reset the receiver.



Replacement Bulbs

For ordering spare bulbs or replacement parts, contact us at info@squareperfect.com. Also check out our extended line of photo equipment. Before replacing bulbs be sure to read the instructions and follow the safety procedures.

Before attempting any of the following procedures **UNPLUG** the unit. Next check the fuse found on the back of the unit. If it is tripped replace it. Plug the unit in and recheck the flash bulb.

If it is determined the bulb is faulty, a replacement can be ordered from info@squareperfect.com. BULB replacement is simple and easy. Before handling new bulbs remember to wear clean cotton glove. Oils from skin will cause premature bulb failure.



Hold bulb close to base. Gently push the two prongs into the receiving holes. Next attach spring retaining strap. Strobe flash bulbs may vary in appearance and shape from model to model, replacement procedures remain the same unless noted.

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