

## T W E N T Y   Q U E S T I O N S

### About the ALL-NEW STROBOFLASH II

#### HOW DO I TURN IT ON?

Simply insert the plug from the battery power pack into the 4-contact socket on the flash head. This connects the batteries to the capacitors and the unit is "on".

WARNING: Never open the power pack or attempt to change batteries while the power cord is connected to the flash head!

#### HOW DO I TURN IT OFF?

Remove the power plug from the flash head. No switches to turn off.

WARNING: The capacitors are still charged and the power plug carries 450 volts! It is amply insulated, but no attempt should be made to touch the contacts inside the plug!

Since a dry battery unit contains no vibrator or transformer, the idling current drain on the batteries is very small. It is, therefore, unnecessary to turn the unit off and on to conserve the batteries, unless it is to be left off for an extended period.

#### HOW DO I FIRE IT?

With the battery power pack cord plugged in, short together the contacts in the standard two-terminal socket in the flash head. The voltage on this socket is practically zero, so a bent paper clip or piece of wire may safely be used to short the contacts. No push button is provided for this purpose, because it was felt that such a button would invite excessive test flashing.

WARNING: Never touch contacts in the four-terminal plug which comes from the power pack! This plug carries 450 volts!

#### WHAT IS THE CYCLING TIME?

Three seconds, with fresh batteries; up to five or six seconds as batteries age.

#### WHAT IS THE FLASH DURATION?

Approximately 1/1000 second.

#### HOW MUCH ENERGY IS STORED FOR EACH FLASH?

100 watt-seconds with fresh batteries.

#### HOW DO I MOUNT IT ON MY CAMERA?

A tripod socket is provided on the bottom of the flash lamp, for use with standard flat brackets to mount on most cameras. The SR Universal Quick Change Clamp may be used with the tripod socket to attach the flash head to a stand. A flash gun adaptor is available, allowing the head to mount on top of standard flash guns.

#### HOW DO I SYNCHRONIZE IT WITH MY CAMERA?

Shutters having "X" or "0" (Zero delay) type contacts may be synchronized with the Strobflash II. It is not designed for solenoid synchronization. Plug the synchronizer cord from the camera contacts into the two-terminal trip socket on the flash head. Polarity of this cord must be observed. The upper pin on the socket is grounded. If the unit fires continually without shutter triggering, reverse the sync cord.

#### HOW CAN I FIRE MORE THAN ONE LAMP FROM THE POWER PACK?

Strobflash 20' extension cords may be used to connect the power pack to several lamps. The light output will be divided equally between the lamps. When several lamps are connected to the same power pack, firing any one of them will fire them all.

## HOW DO I CHANGE THE BATTERIES?

The batteries are good for about 2000 flashes under normal use. To change batteries:

1. Remove the power plug from the flash lamp.
2. With a coin or screwdriver apply pressure and turn the fasteners on the ends of the power pack a quarter-turn counter-clockwise and remove them.
3. Remove the top half of the power pack. This contains the capacitors, a series resistor, and fuse.

New batteries may then be inserted in place of the old. With old batteries in the unit, the time to charge the capacitors will be longer, but the unit will still operate at slightly reduced light output.

## HOW SHOULD SPARE BATTERIES BE STORED?

Batteries have a shelf life of one and one-half years if they are stored in a cool, dry place, preferably not over 70°.

## HOW LONG WILL THE FLASHTUBE LAST?

Good for about 10,000 flashes. The tube is guaranteed by the manufacturer.

## HOW IS THE UNIT FIRED WITHOUT CONNECTING TRIP CORDS?

Because of the very low idling current, the Strobflash II makes an excellent slave unit, where the unit is to be set up and left unattended. Insert the phototube into the trip socket on the flash head in place of the sync cord from the camera. The tube should point upward to the rear. The tube may be rotated so the concave photo-sensitive side points toward the triggering light source, which may be any other electronic flash synchronized with the camera. <sup>or synchronized - the flash</sup> An extension cord may be used between the phototube and flash lamp if the proper polarity is observed.

## WHAT EXPOSURE SHOULD I USE?

For fast pan film and the development recommended below, a guide number of 220 may be used. For color, the guide number is 35-40.

#### WHAT ABOUT FILM DEVELOPMENT?

To get negatives of normal contrast, about 50% longer development than usual is recommended. This is not "forced" development, but is necessitated by the action of very short exposures on film emulsions.

#### WHAT FILTERS ARE RECOMMENDED FOR COLOR?

The light from the Strobflash II closely approximates the color temperature of sunlight; thus daylight film may be exposed without filters. For exacting work, follow the recommendations of the film manufacturer for exposure with electronic flash.

#### WHAT DO I DO IF THE UNIT DOESN'T FIRE?

Check your synchronizer and trip cord to be sure contact is being made. Try tripping the unit by shorting the flash head trip contacts with a short piece of wire. If it fires, the trouble is in the synchronizer or trip cord.

#### WHAT DO I DO IF THE UNIT FIRES CONTINUALLY WITHOUT TRIGGERING FROM THE CAMERA?

First, reverse the trip cord in its socket. If this doesn't work, check for a short in the trip cord of shutter contacts.

#### WHAT DO I DO IF I CAN'T FIND THE TROUBLE IN EITHER CASE?

Have your dealer return the unit prepaid to the factory for servicing.

## WHAT GUARANTEE DOES THE UNIT CARRY?

### SR STROB GUARANTEE:

We guarantee each new SR STROB sold by us to be free from defects in material and workmanship under normal use and service, our obligation under this guarantee being limited to making good at the factory any part or parts thereof which shall, within 90 days after making delivery of the SR STROB to the original registered purchaser, be returned to us with transportation charges prepaid, and which our examination shall disclose to our satisfaction to have been thus defective.

This guarantee being expressly in lieu of all other guarantees, expressed or implied, and of all other obligations or liabilities on our part, and we neither assume nor authorize any other person to assume for us any other liability in connection with the sale or use of our equipment.

The guarantee shall not apply to any SR STROB which shall have been repaired or altered in any way so as, in our judgment, to affect its performance or reliability, nor which has been subject to misuse, negligence, or accident, nor to any SR STROB which shall have been operated on improper voltages or currents, or with improper fuse.

### IMPORTANT NOTICE OF GUARANTEE:

We will repair without charge any unit returned, shipping charges prepaid, to the SR factory and properly identified as to owner, serial number, and date of purchase.

We will repair or replace at no charge any part or parts, returned shipping charges prepaid and properly identified as to owner, serial number, and date of purchase of unit from which such parts were removed. Strobo Research will not make payments for guarantee service performed by others.

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