

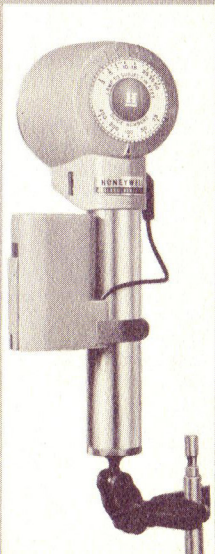
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*Fotoeye with
Futuramic
Strobonar 64-B
on
Foto-Clamp*



*Fotoeye with
Strobonar 91-A
Custom Head,
HR-30
Mounting Tube,
and Hold-It*

HOW TO USE THE
MODEL
HEILAND 55 FOTOEYE

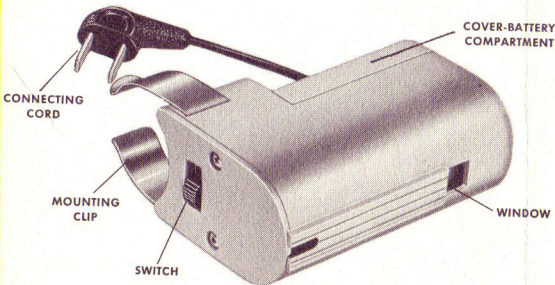


HEILAND **MODEL 55** FOTOEYE

The Heiland Model 55 Fotoeye is a sensitive photoelectric device designed to convert an electronic flash unit into a secondary light source without troublesome interconnecting cords. Extremely compact and convenient, it is the most versatile and sensitive unit of its size ever developed. In addition, it features an exclusive "matching switch" which enables it to be used, not only with Heiland Strobonars, but most other units as well.

With a "master" electronic flash at the camera, the Fotoeye will trigger another unit (in perfect synchronization) 50 to 200 feet away, depending on the light output of the "master." The Fotoeye clips on your equipment quickly; no screws or other mounting hardware are necessary. It replaces the usual maze

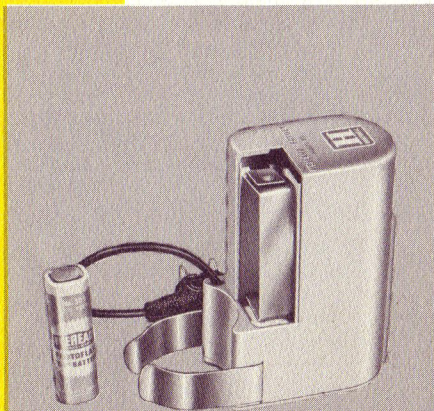
of connecting cords associated with multiple flash photography. No time is lost hiding connecting cords, inserting flash lamps, or changing lamps between shots. Any number of electronic flash units, Fotoeye equipped, can be used with a single master unit.



operation

- Attach the Model 55 Fotoeye to the auxiliary electronic flash unit by means of the mounting clip. (If your flash equipment is not suitable for the Fotoeye clip-on mounting, consult your photo dealer for assistance in selecting accessory mounting equipment, like the Heiland HR-30 mounting tube.)
- Plug the Fotoeye cord into the shutter cord receptacle of the auxiliary electronic flash unit.
- Place the selector switch in the position that shows the red dot. (See instructions for matching your auxiliary electronic flash unit to the Fotoeye.)
- Rotate the Fotoeye until the window is aimed in the direction of maximum light from the master unit. The Fotoeye is then ready to operate.
- When the master unit flashes, the Fotoeye will trigger the auxiliary electronic flash unit in perfect synchronization. You now have an operating "slave" auxiliary light source for multiple flash photography.

instructions for matching **FOTOEYE** to auxiliary electronic flash unit



Battery Compartment with dummy battery installed.

The Fotoeye has several combinations of switch-dummy battery and switch-battery for matching the triggering characteristics of your auxiliary electronic flash unit. As suggested under OPERATION, first try combination I in the following table. If the Fotoeye does not trigger the auxiliary unit when the master unit is fired, or if the auxiliary electronic flash unit self-fires (i.e., if it flashes at intervals without any flash from the master unit), try the succeeding combinations. These combinations will accommodate almost every type of electronic flash equipment.

- I. Dummy battery installed, red dot of selector switch visible.
- II. Dummy battery installed, red dot of selector switch *not* visible.
- III. Battery installed in direction of arrow, red dot of selector switch visible.
- IV. Battery installed in direction of arrow, red dot of selector switch *not* visible.
- V. Battery installed in *reverse* direction of arrow, red dot of selector switch *not* visible.

BATTERY

The battery compartment is easily accessible by removing a section of the case. Just press the dot on the battery compartment cover to release it, and lift it off. Most applications allow the use of the dummy battery. A 22½ volt battery should be used only as recommended in the matching instructions. Eveready No. 505 battery or equivalent is recommended for use with the Fotoeye. Be sure to insert the battery with the positive (+) end in the direction of the arrow (except for combination V in the table).

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*The Fotoeye is the easiest
way to use multiple lighting
for better pictures.*

FORM 850267

Although the Model 55 Fotoeye will operate most other makes of electronic flash units, it is not guaranteed to do so. If the Fotoeye does not operate other make units when "Operation" instructions are followed, it must be assumed that the Fotoeye cannot be used with that particular flash unit. Check the following:

● **AUXILIARY ELECTRONIC FLASH UNIT** — The Fotoeye replaces the camera contacts for triggering the auxiliary electronic flash unit. Check the performance of the flash unit using the camera contacts or the Heiland manual tripping cord (#53-1).

● **CONNECTING CORD** — The plug on the Fotoeye connecting cord is polarized. It has one large prong and one small prong to assure that it is always inserted in the right direction. If the Fotoeye does not fire the auxiliary electronic flash unit, reverse the Fotoeye plug and repeat the steps outlined in "Matching Instructions."

● **BATTERY** — Either the dummy battery or a 22½ volt battery must be installed in the Fotoeye for operation.

● **DISTANCE** — The maximum distance from the master electronic flash unit at which the Fotoeye will operate the auxiliary unit depends upon the light output of the master unit. Naturally, the more powerful units permit a greater distance. Remember, also, that the Fotoeye must be more carefully aimed as the operating distance increases.

● **DIRECTION** — The Fotoeye should be aimed toward the area of maximum light from the master unit. In the case of bounce flash, this area may be the wall or ceiling reflecting the light.

● **AMBIENT LIGHT** — The Fotoeye will operate in light much brighter than the average room light. In bright sunlight, in a very brightly-lighted room, or in a room where other flash units are being fired, the maximum operating distance will be less than in a room of average light level. When using the Fotoeye in bright sunlight, use a protecting shield, easily made from black paper. Orient the shield so light from the master unit, but not direct sunlight, reaches the Fotoeye.