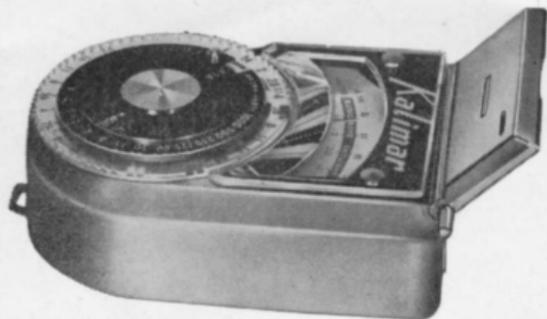


**Kalimar** inc.

**EXPOSURE  
METER**

model **A-1**





Your KALIMAR A-1 Exposure Meter is a precision-crafted, high-sensitivity instrument, designed to give you better and more accurately exposed pictures with a minimum of effort. The KALIMAR A-1 is easy to operate for either color or black-and-white photography. It is designed so that a "booster" (auxiliary photo cell) can be used to give quick, accurate readings, even under extremely poor light conditions. The KALIMAR booster, for low level incident light readings, makes this meter among the most sensitive on the market. The KALIMAR A-1 is handsomely finished, accurate, light in weight, sturdy and shock-resistant. It is easy to use for both stills and movies and is equipped with a newly designed photo-electric cell. The measuring range is extensive, with a high scale for BRIGHT light conditions and a low scale for DULL light conditions. It also incorporates a Light Value Scale for cameras employing these systems for exposure control. Many years of accurate picture making are yours with the versatile KALIMAR A-1 Exposure Meter.



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## INSTRUCTIONS :

First, check the ASA exposure index (speed) of your film from the instruction sheet packed with the film. Turn the inner dial of the meter until this index number appears in the ASA window.

Under any of the light conditions described below, line up the proper index with the channel directly adjoining the needle position. You will then have the readings for Light Value, Movies and an assortment of still camera shutter-lens combinations. Use whichever system applies to your equipment.

### Reflected Light Readings :

Reflected light is light reflected from subject towards camera. From the camera position, point the meter toward the subject's center of interest. Outdoors, point the meter slightly downward to avoid a false "reading" of the excessively bright sky. When shooting closeups, hold the meter about 3 to 5 inches from the subject, or as close as possible without casting your shadow on it. Where brightness contrast is very great, take separate readings of the brightest and darkest portions of the subject. Average the results to determine correct exposure.

### REFLECTED LIGHT



### Incident Light Readings :

Incident light is light which falls on subject or scene. Hold the meter at subject position and point it toward the camera. Use incident light attachment when using meter in this manner, and take readings against the closed bright or open dull index flags according to whether the cell cover is open or closed.

### INCIDENT LIGHT



## IN BRIGHT LIGHT

### CLOSE COVER—USE RED MARKER

Under bright light conditions, as outdoors during daylight, keep the lid of the photo-cell window closed and use the "RED MARKER."



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## IN DULL LIGHT

### OPEN COVER—USE BLUE MARKER

In dark places, where you cannot get a satisfactory reading with the lid closed, open the lid by pressing the knob provided on the upper right-hand corner of the meter and use the "BLUE MARKER" index.



## IN VERY DIM LIGHT

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### USE BOOSTER—OPEN COVER— USE YELLOW MARKER

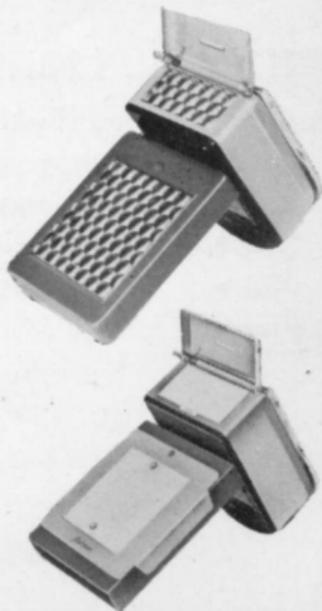
When using the auxiliary photo cell for reflected light reading in very dim places, attach it to the bottom of the meter by plugging into the holes provided. Leave the lid of the photo cell window open and take a reading, using the "YELLOW MARKER".



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### HOW TO USE THE BOOSTER

For accurate reading at extremely low light levels, place incident light attachments in front of photo cell window and in front of booster cell. Hold meter as for taking an incident light reading, pointing it from subject position toward the camera. Use "YELLOW MARKER".



# TECHNICAL DATA

## Measuring Range :

Film Sensitivity Scale..... ASA 6 - ASA 1600

Exposure Time Scale ..... 1/1000 sec. - 4 sec.

Lens Apertures ..... f : 1.4 - f : 22

Light Value Scale ..... 3 - 19

Movie Camera, Frames/second ..... 8 - 64

Method: Reflected and incident light measuring methods. Supplied with incident light attachment, leather case and strap.

## Note :

For "zero" adjustment of meter; fully close Photo-cell window so that no light enters. Slowly turn the slotted screw on back of meter either to left or right for "zero" setting.



***Kalimar***