

# INSTRUCTIONS FOR

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## **Vivitar.** **Flash Filter Kit**

For use with Vivitar Model 283  
Auto/Thyristor Electronic Flash Unit  
and Lens/Filter Adapter

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Welcome to the exciting world of *creative* flash photography. By varying the *color* and *intensity* of flash illumination, the Vivitar Flash Filter Kit greatly expands your range of creative alternatives.

The six filters in this kit may be used *singly* as well as in *combinations* with each other or with flash lenses from the Vivitar Variable Angle Lens Kit.

In color photography, filtered-flash illumination may be used as a mainlight for an overall cast or as a fill-in to create colored highlights.

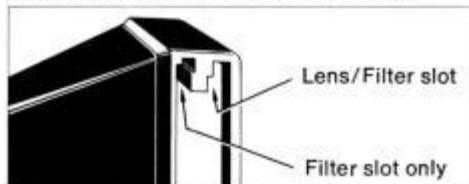
In black-and-white photography, filtered-flash illumination may be used to alter contrast and tonal reproductions.

The following information is provided as a guide *only*. Specific data may vary as you adapt filtered-flash to your creative style.

### **Directions for use**

Attach the Lens/Filter Adapter to the 283's flash head and insert the filter into the lower slot of the Adapter, nearest the flash, pushing it all the way in until the "stop" snaps into place.

A second filter or flash lens may be inserted, in the same manner, into the remaining slot. Remember, flash lenses must *always* be used in the upper slot, farthest from the flash head.



## Quick reference to flash filters

Filter	General Effect	Exposure Compensation Guide*	
		Manual Mode	Automatic Mode
<b>UV</b>	Reduces ultra-violet radiation with no effect on any visible light	None	None
<b>85B</b>	A warming filter which converts flash illumination for use with Type B (tungsten) color films—no change in ASA film speed	None	None
<b>ND4</b>	Uniformly reduces amount of light without changing color rendition. Especially useful for close-ups.	Open lens 2 f-stops	Reduce all distance ranges by one-half (See chart below)
<b>RED</b>	Produces red-colored flash illumination	Open lens 1 f-stop	Close lens ½ f-stop
<b>BLUE</b>	Produces blue-colored flash illumination	Open lens 1½ f-stops	Open lens 1½ f-stops
<b>YELLOW</b>	Produces yellow-colored flash illumination	None	None
<b>BLUE + YELLOW</b>	Produces green-colored flash illumination	Open lens 2 f-stops	Not Recommended
<b>RED + YELLOW</b>	Produces predominately red-colored flash illumination	Not Recommended	Not Recommended
<b>RED + BLUE</b>	Produces predominately red-colored flash illumination	Not Recommended	Not Recommended

\*Indicated exposure compensations apply to "normal" flash exposure under average conditions.

## ND4 automatic mode operating ranges

Mode	Distance	
<b>YELLOW</b>	18"—21'6"	0.45 m—6.50 m
<b>RED</b>	18"—15'	0.45 m—4.55 m
<b>BLUE</b>	12"—7'6"	0.30 m—2.25 m
<b>PURPLE</b>	12"—5'6"	0.30 m—1.50 m

*NOTE:* When using the 283 in any Automatic Mode and the flash-to-subject distance is closer than 3 feet, (1) use the Sensor Extension Cord to position the Sensor near the film plane in line with the lens for accurate automatic flash operation; and (2) insure that the flash head is aimed for even illumination of the subject.

### **Taking care of your Flash Filters**

- 1** — Always store the filters in their separate sleeves in the handy pocket case to prevent loss or damage.
- 2** — Direct sunlight may degrade the filters' color pigments and excessive heat may warp them. Keep them in a cool, dark place.
- 3** — When dirty, wash them with warm water and a mild soap, rinsing thoroughly and drying with a soft cloth.

# **Vivitar**

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