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Ponder&Best

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Los Angeles, California
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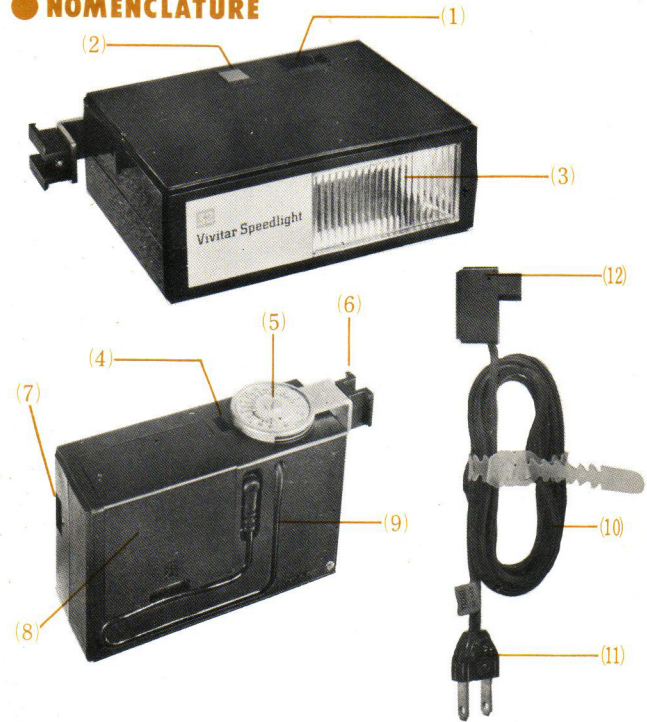
58-20 Broadway
Woodside, New York
11377

6428 N. Ridgeway Ave.
Chicago, Illinois
60645

Vivitar Speedlight Instructions



● NOMENCLATURE



- | | |
|----------------------|------------------------------|
| 1) On-Off Switch | 7) A.C. cord receptacle |
| 2) Open Flash Button | 8) Battery compartment cover |
| 3) Reflector | 9) Syncro cord |
| 4) Ready light | 10) A.C. cord. |
| 5) Exposure dial | 11) A.C. plug to outlet |
| 6) Mounting shoe | 12) A.C. plug to flash |

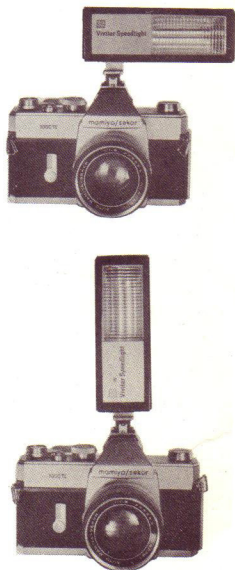
● IMPORTANT

The **Vivitar Speedlight** should be plugged into an AC outlet for approximately half an hour before using. This is to charge “flash operating condenser”.

● ATTACHING TO THE CAMERA

The **Vivitar Speedlight** can be mounted on the camera accessory shoe in either a vertical or horizontal position, allowing you to choose the most favorable position of operation. There is one exception to this, and that is when using the **Vivitar Speedlight** with a camera having a wide angle lens. In that case, the rectangular reflector opening of the flash unit must match that of the viewfinder.

To set the mounting shoe(5) in either the vertical or horizontal position, pull out until it clicks. Then rotate 90° around the casing and press it towards the flash, locking the mounting shoe in place.

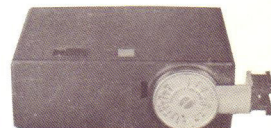


● SYNCHRONIZING

The speedlight should be inserted into the camera accessory shoe, and the sync cord (8) should then be connected to the sync post of the camera.

Set the operating lever of your camera to “X” or plug into the socket marked with the “X”. When storing the sync cord, press it into the slot on the bottom of the speedlight.

The flash unit is switched on by the operation of the on-off switch (1) located on the top of the unit. The unit is ready to flash as soon as the ready light (3) is illuminated.



● SHUTTER SPEEDS

With cameras having a between the lens shutter system, the speeds should be set to 100th of a second. With cameras having a focal plane shutter system, see the instructions given by the camera manufacturer, normally, 1/30th to 1/60th of a second or the "X" setting on the camera speed dial.

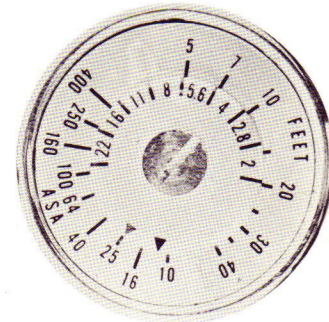


● DISTANCE

The focusing of the camera is made in the normal manner.

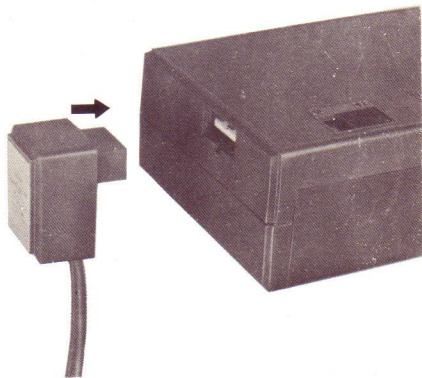
● CALCULATION OF APERTURE

The outer ring of the exposure dial (4) should be set so that the triangular shaped arrow ▲ is opposite the ASA number of the film being used. Measure the distance between the flash unit and the subject to be photographed. The required aperture is then read opposite the distance marking. The black arrow should be used for calculation with black and white film, and the red arrow should be used for color films. Example: The exposure dial is set for an ASA 25 with color film. If the distance from the flash to the subject is 7 feet, the exposure dial indicates that an aperture setting of f4 should be used.

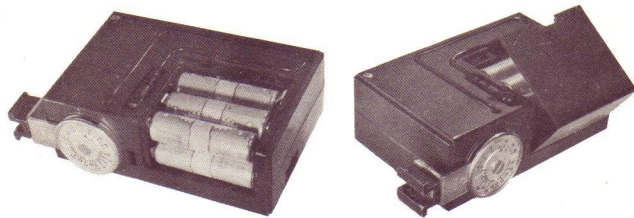


● AC OPERATION

By use of the AC cord (9), you are able to use the flash unit directly from AC. This is very useful if the Penlight batteries being used are discharged. To use the unit, plug the cable (11) of the AC cord into the socket (6) at the side of the speedlight. The on-off switch (1) must be in the "off" position. Then the AC cord (10) may be inserted into the AC socket. The unit is ready for use as soon as the indicator lamp lights.



● BATTERY OPERATION



The **Vivitar Speedlight** is designed for use with 4 Penlight AA 1.5 volt batteries. Remove the battery storage compartment cover (7), and insert 4 1.5 volt Penlight-type dry cell batteries, following the battery location guide in the compartment. Place the on-off switch in the "on" position. The speedlight is ready for use as soon as the indicator lamp lights. Be sure to switch the unit to the "off" position immediately after shooting in order to preserve battery life as long as possible.

● OPEN FLASH

To test or open-flash the unit, place the switch in the "on" position when the ready light illuminates. Press the open-flash button to activate the flash.

● SPECIFICATIONS :

Flash duration:	1/1000th of a second
Recycling time:	Approx. 8 seconds
Number of flashes:	Approx. 80
Angle of coverage:	60°
Color temperature:	Approx. 6000° Kelvin
Guide No. :	32. Guaranteed by Japan
(for ASA 25 color film)	Camera Inspection Institute.
Power Supply:	DC-4 Penlight 1.5 volt dry cell batteries. AC-105 to 127 volts, 50 to 60 cycles.
Weight :	10 Oz.
Standard Accessories:	AC adapter Leatherette case

2 Year Unconditional Guarantee

Your Vivitar Speedlight has been factory tested and thoroughly inspected to the highest photographic standards.

Ponder & Best will replace with a new unit any Vivitar Speedlight which proves inoperative within a two year period from date of purchase due to any defect in material or workmanship.

To validate this guarantee mail the attached registration card within ten days of original purchase.



Important

This guarantee does not cover damage caused by accident, negligence or mishandling on the part of the owner or user. Damage in this manner will be repaired at a reasonable charge covering parts, service and mailing cost, as required. If servicing is required due to these reasons, carefully pack the unit in a sturdy container with sufficient padding and mail prepaid to:

Ponder & Best
11201 West Pico Boulevard
Los Angeles, California 90064

Include a letter of explanation describing the damage, Vivitar Speedlight Model Number, Your Name and Address.

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