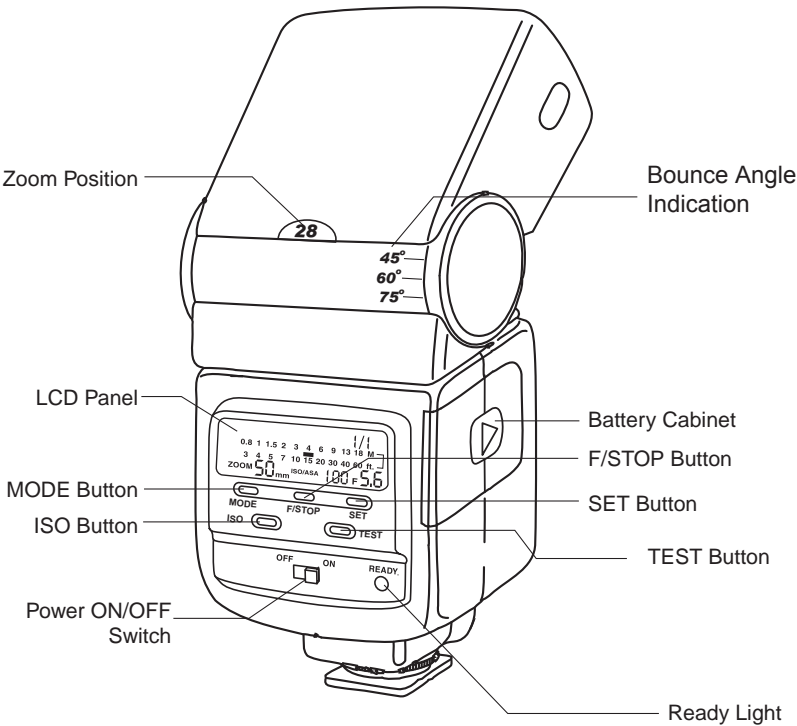
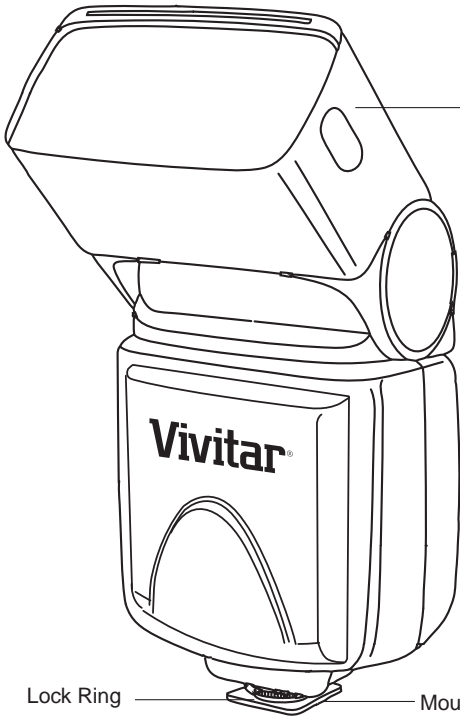


INSTRUCTION MANUAL

for

VIV-SF-6000

Manual & Slave Flash



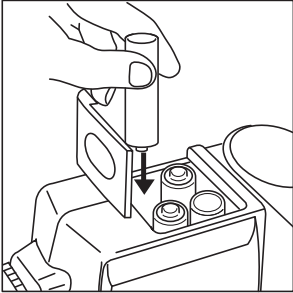
Specifications

Guide No (ISO100)	130(ft) / 40(m) at 85mm position
Flash Head	28-35-50-85mm
Bounce Angle	0°, 45°, 60°, 75°, 90°
Swivel Angle	Right 0° - 90°; Left 0° -180°
Manual	Yes
Built-in slave function	Instant Sync S0, Pre-Flash Skip Mode S1, S2
Power source	Four 1.5V AA size batteries (R6, LR6)
Recycling time	5-7 sec. (may be longer with some batteries)
Dimensions (W x L x H)	Approx. 75 x 102 x 132 mm
Weight w/o battery	Approx. 305g

Specifications and design are subject to change without notice.

LOADING BATTERIES

Make sure the On / Off Switch is at Off position. Slide open the Battery Compartment Cover and insert 4 x AA batteries as symbols indicated in the battery compartment. Close the Battery Compartment Cover. Wrong polarities may cause batteries to heat up, leak, explode and damage the flash. When needed to replace batteries, make sure all batteries are of same brand, type and same capacity.



MOUNTING THE FLASH TO THE CAMERA

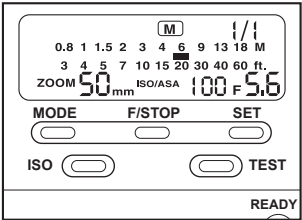
Loosen the lock ring. Slide the flash into camera accessory shoe. Tighten the flash with the lock ring.

REMOVING THE FLASH

Loosen the lock ring and slide the flash off backwards.

ON/OFF SWITCH AND FLASH TEST OPERATION

Slide the ON/OFF switch to ON position. After a few seconds the Ready lamp should glow, thereby indicating that the flash is ready to shoot. Press the TEST key to make sure that your flash works properly. If the flash discharges, wait until the Ready lamp glows again.



OPERATING THE FLASH

Mount the flash onto your camera. Switch on the flash. When the flash is ready, press the camera shutter. The flash should fire. You should set the settings on your camera according to the data suggested on the flash's LCD. By choosing the film speed (in ISO measurement) and aperture value (f/stop) using the ISO key and the F/STOP key at the back of the flash, you can get the correct flash to subject distance for good exposure.

MANUAL FLASH MODE

Slide the switch to the 'ON' position. Tap the MODE key until a "M" symbol shows up on the LCD. The flash is now at Manual mode. Set your camera to Manual (M), Av (Aperture Priority), or Tv (Shutter Priority). The flash fires full power when the camera shutter is pressed. Please make sure that you appropriately set your aperture value and shutter speed of your camera in order to get good exposure of your photos.

SLAVE MODES

3 slave modes are available for users to choose from when the flash is set to fire using optical slave. To use the slave mode, you first tap the MODE key until a "S" symbol shows up on the LCD. Then by slightly tapping the SET key you can select your desired slave mode in the following sequence: Mode 0 (S0) → Mode 1 (S1) → Mode 2 (S2) → back to Mode 0 (S0) The slave modes work in the following way: S0 - the flash fires at once when triggered by an external strobe light source S1 - the flash skips 1 flash and fires when it detects the 2nd flash. S2 - the flash skips 2 flashes and fires when it detects the 3rd flash. The flash fires full power output in slave mode.

POWER SAVING FUNCTION

The flash will be switched to power saving mode automatically after idle for around 3 minutes while at manual mode in order to save battery power. A "OFF" sign will appear on the LCD. The Ready light will be off in power saving mode. To reactivate the flash, simply tap any buttons underneath the LCD or turn off and on the flash again. The flash is not completely switched off in power saving mode. However, power consumption is drastically reduced. If you are not going to use your flashgun for a while, we recommend you to turn the flash off. In optical slave mode, the power save function is disabled.

BOUNCE AND SWIVEL FLASH

This flash's head can be tilted to an angle of 45°, 60°, 75°, or 90° and rotated horizontally 180° to the left and 90° to the right. You can also tilt or rotate the flash head to bounce the light off the ceiling or walls. While shooting indoor, this technique can help to create more natural-looking pictures of people with softer shadows. In order to have your pictures correctly exposed using bounce or swivel flash, the following is recommended to users: (1) Select white or reflective surfaces to bounce the light off, or your pictures will come with an unnatural color cast similar to that of the reflecting surface. (2) Use a wider aperture, as 2 or 3 stops of light can be lost when using indirect flash

ZOOM HEAD

The zoom flash head covers the focal length of 28-35-50-85mm in four stops. To choose these positions, simply pull or push the flash head. The zoom position will be shown on the LCD. You should make sure that the flash is set to a focal length equal to or wider than the camera lens' focal length to assure proper coverage.

CAUTIONS

- The flash unit does not function on camcorders.
- Misfiring sometimes occurs when the flash unit is turned on and off continuously. If it happens, power off the flash unit for few seconds before switching it on again. The flash unit should then work as normal.
- Do not place the flash unit at location with temperature over 40°C. This might adversely affect the internal structure or performance of the flash unit. Particularly, don't leave it in the automobiles during summer.
- Remove the batteries if you do not intend to use the flash for a long period of time.
- The flash is not water-resistant. Rain and humid weather may cause irreparable damages to the flash.
- The flash unit contains a high voltage capacitor. Do not try to open the housing or repair the flash.
- Do not clean the surface of flash unit by any petrol, detergent solution or strong solvents. These solvents may cause damages to the flash.
- The flash unit is composed of very delicate electronic parts. It should be protected against shocks, impact damage and other improper handling.

