

# Vivitar®

accessories

## 24-105 Zoom Speedlite DSLR AF Flash



VIV-DF-3000

User's Manual

## **Vivitar One year Warranty**

This warranty covers the original consumer purchaser only and is not transferable.

This warranty covers products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired or replaced at no charge for parts or labor for a period of one year.

### **What Is Not Covered by Warranty**

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but limited to, repair by unauthorized parties, tampering, modification or accident.

### **To obtain Warranty Service and Troubleshooting information:**

Call 1-800-592-9541 in the U.S. or 0-800-917-4831 in the UK or Visit our website at [www.vivitar.com](http://www.vivitar.com).

To receive Warranty service along with the name and address of an authorized product service center, the original consumer purchaser must contact us for problem determination and service procedures. Proof of purchase in the form of a bill of sale or receipted invoice, evidencing that the Product is within the applicable Warranty period(s), MUST be presented in order to obtain the requested service. It is your responsibility to properly package and send any defective products along with a dated copy of proof of purchase, a written explanation of the problem, and a valid return address to the authorized service center at your expense. Do not include any other items or accessories with the defective product. Any products received by the authorized service center that are not covered by warranty will be returned unrepared.

### **Vivitar One year Warranty (continued)**

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## **Introduction**

Congratulations on your purchase of the Vivitar VIV-DF-3000 flash unit. This electronic flash is innovatively designed for digital cameras, with advanced technology used to control the correct amount of light output. Please kindly take a few minutes to read this instruction manual before using.

## **Compatibility**

The VIV-DF-3000 flash comes in different varieties, each compatible with different cameras. Check to make sure the flash that you have is compatible with your camera.

VIV-DF-3000-CAN - Compatible with Canon Digital E-TTL cameras

VIV-DF-3000-NIK - Compatible with Nikon Digital I-TTL cameras

## Important Notes for Flash Photography and Maintenance

1. After taking a picture, wait for at least 4-5 seconds for the flash to be fully charged before taking the next shot even though the ready light is on. This will help prolong the lifespan of the flash tube and also to attain the full charging capacity of the flash capacitor for precise flash photography.
2. For precise flash output, it is best to wait until an intermittent humming sound is heard before pushing the shutter button.
3. Maintain at least 2m between your flash and the subject you are photographing.
4. Always set the flash zoom head position so that it corresponds to the zoom position of your camera's lens.
5. In the event that the flash exposure is incorrect (over or under exposed or if the green auto check light does not light up), you may take either one or more of the corrective actions: (1) move closer to the object (2) re-adjust your bounce angle (3) adjust flash zoom head (4) increase ISO\* setting.

**\*Note:** *In digital photography, the ISO number notes how sensitive the image sensor is to the amount of light present. The higher the ISO number, the more sensitive the image sensor is to light and therefore the possibility to take pictures in low light situations increases.*

## **Important Notes for Flash Photography and Maintenance (cont.)**

6. Bounce should only be used on lighter color ceilings or white walls with the zoom head set at the 35mm position. Note that when using this feature, 2-3 f/stops of light will be lost due to reflection.
7. Always use a fresh set of 4 batteries of the same brand and type when old batteries are depleted and need to be replaced. Mixing and matching batteries of different types and brands will greatly deteriorate the flash's performance.
8. When the flash is not being used for extended periods of time (>2 weeks), remove the batteries to prevent battery leakage. After the batteries are removed, do not expose the flash unit and batteries to excessive heat such as fire or excessive sun light.
9. Charge up and test fire the flash unit at least once per month to maintain the optimal performance of the flash tube and charging capacitor.

## Installing Batteries

In order to power on your flash, you will first need to install batteries. To do so, first ensure that the ON/OFF switch is in the OFF position. Next, open the battery compartment, and insert 4 new AA batteries with the correct polarity (+,-) as indicated inside the battery compartment.



## Mounting the Flash Onto Your Camera

Once batteries are inserted into your flash, you can proceed to mount it onto your camera. To do so, first ensure that the ON/OFF switch is in the OFF position. Next, slide the flash's hotshoe base onto the camera's hot shoe then rotate the lock ring until it is fastened securely. Slide the ON/OFF Switch to the ON position. When the Ready Light illuminates, the flash is ready to fire. Pressing the Test Button will test fire the unit.





## **Auto Check Light**

The Green Auto Check Light (OK) located on the back of the flash is used to confirm that your subject is within the effective TTL range of the flash unit. If your subject is within the effective TTL flash range after shooting, the green Auto Check Light will illuminate for approximately 2 seconds.

## **Power Saving Function**

In order to save battery life, your flash will automatically turn off if left idle for more than one minute.

## **PROGRAM TTL (P) / AUTO MODE**

This flash unit provides automatic Through-The-Lens (TTL) control of the flash exposure when used with dedicated digital cameras. When using this mode, the flash unit will automatically emit the flash output for a balanced illumination of the subject and background. The inbuilt AF infra-red assistance beam will turn on automatically to assist the camera to focus in low lighting conditions.

## TTL AV, TV AND M MODES

When this flash unit is used with your camera set to AV, TV or M modes, the flash exposure will be automatically controlled by the camera based on the combination of shutter speed and aperture value.

*\*For TV mode, do not exceed the camera's maximum flash synchronization speed. In AV mode, setting at a slow speed will usually result in blurry pictures caused by the shaking of one's hand. In such situations, the use of tripod is recommended.*

## **SECOND/REAR CURTAIN SYNCHRONIZATION**

This mode permits you to fire the flash just before your camera's shutter closes during slow shutter speed shooting. This will create a trail of lighting that will be appear behind the main subject when a slow shutter speed is being used.

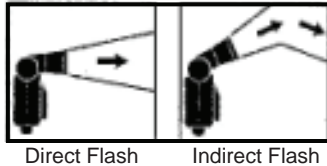
*\*For more information on rear curtain synchronization settings, refer to your camera's instruction manual.*

## **RED EYE REDUCTION**

When red eye reduction is activated on the DSLR body, the flash unit will activate a series of preflashes before the main flash to reduce the possibility of red eye occurrence during shooting.

## USING THE BOUNCE HEAD

Various combinations of bounce angles can be used to cut off unwanted shadows or for special soft effect purposes.



## USING THE ZOOM HEAD

For proper angle coverage, set the flash zoom head position so that it corresponds with the zoom position of the camera's lens.

## **SPECIFICATIONS AND FEATURES**

- Guide Number 59m at 85 zoom position
- Auto Focus / TTL Metering
- Focus Beam to Assist in
- Automatic Shutter Speed Setting  
  Low Light Conditions
- 6 Way Flash
- Bounce Up/Down
- Zoom In/Out
- Swivel 270°; left 180°/ right 90°
- Built-In Slave Function
- Red Eye reduction
- Power Saving Functions
- Flash Readiness Indication in Viewfinder
- Recycle Time: 0.3-10 Sec.
- Uses 4x AA Batteries (Not Included)
- Package Contents: Speedlite DSLR AF Flash,  
Flash Diffuser, One Year Warranty Card

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