

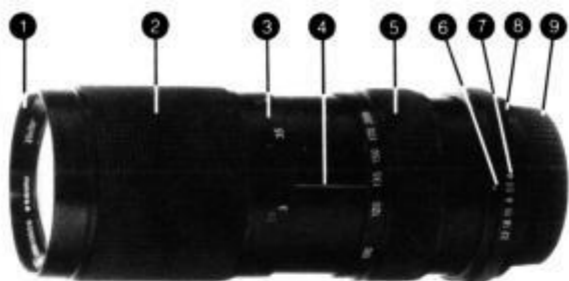
# Vivitar®

Close Focusing Zoom Lens  
Instruction Sheet

# 100-200<sub>mm</sub>

---

# f4



- 1** *Accessory Thread*
- 2** *Focusing Ring:* Rotate the Focusing Ring until your subject appears sharpest in the viewfinder.
- 3** *Distance Scales:* The white (lower) scale shows distance in feet; the green (upper) scale indicates distance in meters.
- 4** *Distance Index Mark:* When necessary, you can determine the distance of the subject in focus by reading the value from the Distance Scales which is opposite the Distance Index Mark.
- 5** *Zoom Ring:* The "continuing focusing" ability of your new lens allows either close focusing or long distance zooming at any point between the 100mm and 200mm markings on the Zoom Ring. Continuous zooming from 100mm to 200mm is possible by simply rotating the Zoom Ring to the desired focal length.  
*CLOSE FOCUS:* When working close up, it is usually best to begin focusing with the Focus Ring set at the 0.9 m marking. With the Zoom Ring set at the 200mm marking, maximum magnification is about 1:3 or one-third life size. At the 100mm marking, maximum magnification is about 1:6 or one-sixth life size.
- 6** *Aperture Reference Dot*
- 7** *Aperture Scale*
- 8** *Aperture Ring:* Has click stops at each marked f-stop and at half stops between f4 and f16. Set your aperture or f-stop by aligning the Aperture Scale with the red Aperture Reference Dot.
- 9** *Lens Mount:* Because your new Vivitar lens has been designed and built specifically for your camera brand, it will mount on your camera with the same ease as your normal lens. To avoid accidental fingerprints or scratches on the front lens element, keep the front lens cap on while mounting.

## Automatic Diaphragm Control

---

The automatic diaphragm operation of your lens allows you to focus and compose your pictures with the diaphragm "wide open" (at maximum aperture). The diaphragm will automatically stop down to the preselected f-stop at the moment of exposure. It immediately re-opens as the exposure is completed.

*Note:* Universal Thread Mount lenses have an "Auto/Manual Switch" located on the Lens Mount. This switch must be set in the "A" (Auto) position for Automatic Diaphragm Control. In the "M" (Manual) position, the diaphragm opens and closes as the Aperture Ring is turned.

Canon Mount lenses have an "Auto/Manual Lever" on the bottom side of the Lens Mount which must be set at the clockwise end of its slot for Automatic Diaphragm control. The locking pin, marked "L" must be set in the "L" position for preset operation.

## EE Coupled Lenses

---


*Konica:* The Aperture Ring on Konica Mount lenses locks with a positive click when placed in the "EE" position. To remove Konica Mount lenses from EE operation, press the EE Lock Button located on the side of the Lens Mount and turn the Aperture Ring to the specific f-stop you want.

*Canon:* Canon Mount lenses have a click stop at the green "O" for EE operation. The Aperture Ring may be set and removed from this position in the same manner as selecting a specifically marked f-stop.

*Minolta XD-11:* On Minolta MD Mount lenses, the minimum aperture setting (f22) is engraved in green. When using this lens in the shutter-priority mode on a Minolta XD-11 camera, the lens must be set at this minimum aperture position.

## Taking Care of Your Lens

---

1. It's a good idea to keep a filter (such as a UV filter) on your lens at all times. This not only improves photographs but also protects the front lens element from scratches.
2. When attaching threaded accessories (filters, etc.) to your lens, carefully align the accessory with the Filter Thread  to prevent damage.
3. Keep your lens dust-free by making sure both front and rear lens caps are in place when it's not in use.

4. Clean your lens with an air brush, anti-static brush or wipe it lightly with a camel-hair brush or lens tissue. In EXTREME cases use a clean, soft cotton cloth moistened with denatured alcohol. *Never rub the lens surface with your finger, clothing or any other abrasive material.*

Cleaning your lens in this way will scratch the lens coating and can cause damage to the element surface.

5. Always store your lens in a cool, dry place.

If you have any questions, please contact:

Consumer Affairs  
Vivitar Corporation  
2700 Pennsylvania Avenue  
Santa Monica, California 90406.

## Specifications

---

*Optical Construction:* 13 elements in 9 groups

*Angle of Acceptance:* 24°-12°

*Aperture Range:* f4-f22\*

*Minimum Focusing Distance from Film Plane:* 9 m (35 in.)

*Weight:* 650 g (22.9 oz.)

*Maximum Barrel Diameter:* 64 mm (2.5 in.)

*Length at Infinity:* 135 mm (5.3 in.)

*Lens Coating:* MC (Multicoating)

*Accessory Size:* 58 mm

*Lens Cap Size:* 60 mm

\*116 on Konica mount

Specifications subject to change without notice. Weights and lengths may vary slightly, depending on lens mount.

Vivitar Corporation  
Santa Monica, CA 90406 USA

Subsidiaries

Vivitar Japan Ltd.: Tokyo, Japan  
Vivitar Photo-Elektronik GmbH: Bad Soden, FRG  
Vivitar Canada Ltd.: Mississauga, Canada  
Vivitar France S.A.: Rungis, France  
Vivitar U.K. Ltd.: Abingdon, England  
Vivitar Europe Inc.: Mijdrecht, Netherlands

9-78 Printed in USA

3000537