



## Medium Format Digital Camera

**What is a Medium Format Camera?** : Medium Format cameras are very similar to the Digital Rebel cameras that you have used in the past, but the light sensitive chip is much larger. Because of this the image will be sharper and more detailed. The chip for the Digital Rebels similar to the size of the rectangle in Fig. #1 while the chip in the Mamiya camera is similar to the rectangle in Fig. #2. As with film the larger the original negative, slide, or digital image the greater the overall quality of the enlargement.



Fig. #1.

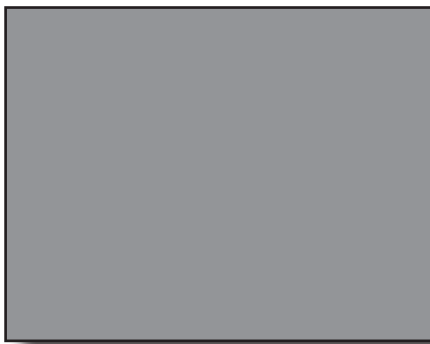


Fig. #2

### Parts of the MF Digital Camera:

Parts seen in Fig. #3 below are identified in the following:

- a. Card Door- opens to allow cards to be placed into the camera and removed. We will use SD cards for this camera.
- b. Hot Shoe- The location for a flash or a flash adaptor to be placed.

Parts seen in Fig. #4 on the back of this page are identified as the following:

- a. LCD information window- This is the location that will tell you any information that you will need to take the correct exposure. It will have the Shutter Speed and F-stop # for the exposure in the automatic modes as well.
- b. Shutter Release Button- Push to take the picture.
- c. 1st Control Dial- Used to change Shutter speed settings or Aperture Settings depending on which shooting mode has been selected.
- d. Mode Dial- This were you set the shooting mode for the camera. M= Manual, P= Program, sets both aperture and shutter speed, Tv= Shutter Priority where you set the shutter speed and the camera sets the aperture, and Av= Aperture Priority where you set the aperture and the camera sets the shutter speed.
- e. 2nd Control Dial- does same as 1st Control Dial, but changes aperture in Manual mode.

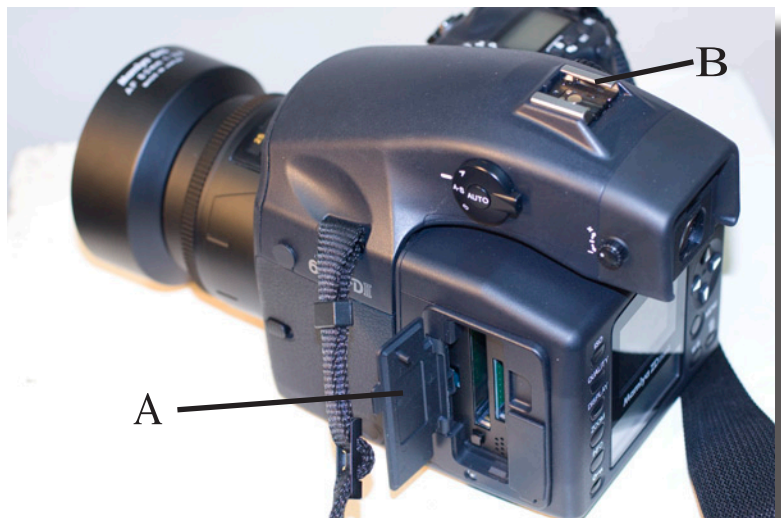


Fig. #3 Card Door

Fig. #4



Fig. #5



The following refer to Fig. #5.

F. ISO Settings- The light sensitivity of the camera can be adjusted by pushing this button then using the Directional selection arrows” to chose which ISO you want then push the “OK” button. The higher the number the more sensitive to light the camera is. However the image quality degrades with the higher ISO settings.

G. Display Button- Push to display the images in the Preview Screen that you have shot.

H. Preview Screen- Where your images will be displayed after you make a shot.

I. Digital Back Settings Screen- Location of the current settings for the digital back.

J. Directional Selection Arrows- Use to change the settings of various things.

K. Menu Button- Push to change the settings for the digital back.

L. Erase Button- Push to delete pictures that you shot.

Fig. #6



M. On/Off  
switch

The following refer to Fig. #6.

**M. On/Off Switch-** This turns the camera on or off. Off is when it is switched to the “L”. “S” stands for “Single Shot”. This means it will only take one shot at a time no matter if your holding the Shutter Release Button down. The “C” stands for “Continuous”. This means that if you hold the Shutter Release Button down the camera will continue to take pictures until you release.

**Downloading the images:** You will down load the images using the card readers as you did with the Digital Rebel cameras.