

Visual Presenter EV-500AF (Document Camera)

Setting Up:

-Press the “Unlock” release button and raise the column. Raise the column until the lock release button (“Unlock”) gets back to original position.

-Extend Column until it is locked.

-Adjust the camera head to the required position.

-Set up the lighting unit to stop positions.

Operating Procedures:

Simple steps for presenting printed materials:

1. Turn the power switch of the Visual presenter ON.
2. Place the object on the stage. Choose the lighting button, “Upper” to light material.
3. While observing the image, adjust the zoom buttons to obtain the optimum size.
4. Press the “auto” focus button for focusing

Simple steps for viewing transparencies:

1. Press the lighting button “Base”. The built in baselight is then turned on.
2. Place the object on the stage.
3. While observing the image, adjust the zoom buttons to obtain optimum size.
4. Press the “auto” focus button for focusing.

Various Functions:

-Lighting

Lighting unit for viewing materials such as printed matter, 3-D object, and

Baselight for viewing slide and negative film (transparencies) are built in.

With the lighting button pressed, the indicator flashes, and after a few seconds, the fluorescent lamps light on.

To turn the lamps off, press the lighting button again.

Select the “Upper” or “Base” mode. (It is not possible to simultaneously use both the upper lighting unit and the baselight.)

It is advisable to use the upper lighting unit to obtain the clear image with better color rendering especially when the stage is not sufficiently illuminated by room lights or 3-D object is to be viewed.

-Input Selection

Images from two separate A/V sources , such as a VCR and video camera, can be selected to be projected by pressing the input selection button.

-Nega/posi conversion

This function is used to view negative film as positive images. Press the neg/posi conversion button, and the indicator shows “N” (Negative)

Pressing the button again changes to normal “P” (Positive) mode.

-Color/ B&W selection

It is advisable to use this mode for viewing the B&W materials as documents, and clear image with no color blur is obtained.

For normal use, set to “C” (color) mode.

Pressing the color/ B&W button changes to “B&W” or “C” mode in succession.

-Zoom

When the zoom button is pressed to select “Tele”, the image gets larger.

When the zoom button is pressed to select “Wide”, the image gets smaller.

-Focus

Auto Focus

When the auto focus is pressed, the indication lamp is turned ON and OFF during focusing.

The Document Camera features a one-step auto focus function. Once focusing is completed, the auto focus function is released. Even if the object is moved, the focus remains unchanged.

To focus the image with auto focus setting, set the zoom button at extreme telephoto position so that a more accurate image can be attained.

Select the focus mode to manual focus under the following conditions:

- Object bearing little contrast
- Object with a fine repeated pattern such as lateral stripes, or a checkered pattern.
- Bright object or one reflecting strong light
- The background of the object is bright, or the contrast is too clear
- Picture plane itself is too dark
- The positions of the objects are far near
- Moving Object

Powered Manual Focus

Press the focus button “N” or “F” for manual focusing.

This function is used to view 3-D object of which any part can be focused.

Trouble Shooting Hints (If you can not get the problem solved please note the problem and contact Classroom Services.)

-General Problems:

1. No images on screen. Possible Cause:
 - Power is not turned on.
 - Zoom is set at “tele” to display only the white part of the material

2. Out of Focus

Possible Cause:

-The object is too close to the lens. Check that it does not stand higher than 100mm from the stage surface.

-The 3-D object is not focused unless the camera head is extended.

-The object on the stage is not focused if the close-up lens is removed from the camera head.

-Zoom is set at “tele” after focusing with “wide” mode.

3. Image is too dark

Possible Cause:

-The illumination is not sufficient. Use the lighting unit.