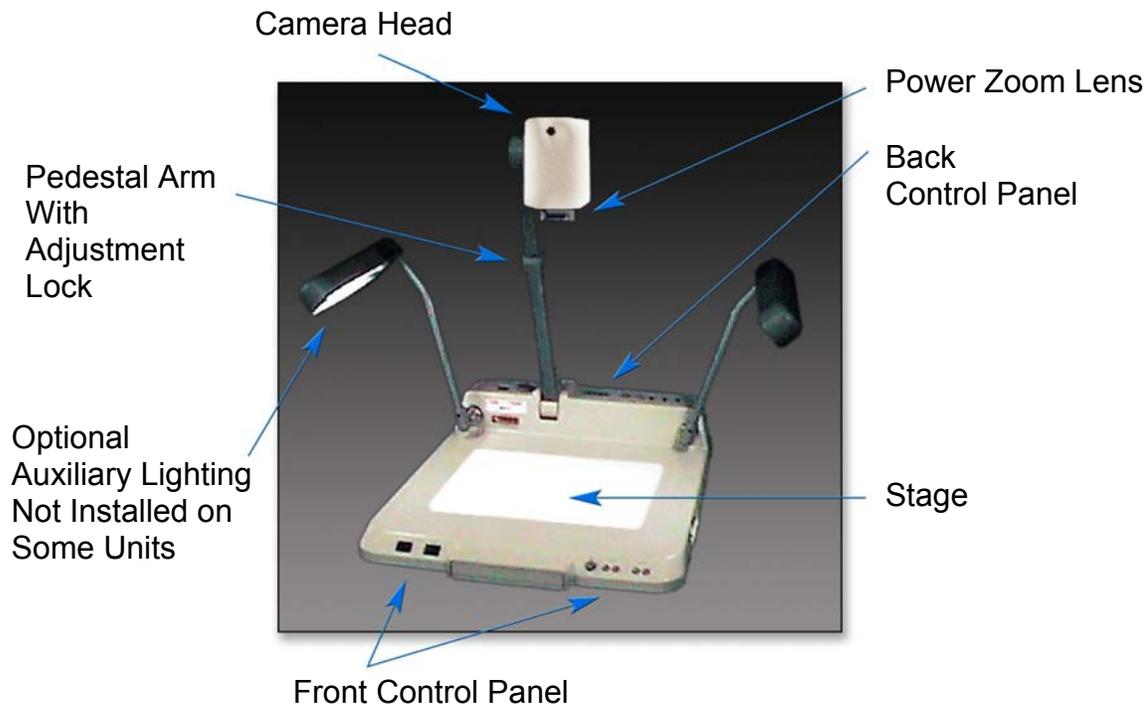

Elmo EV308-368 Visual Presenter

Document Camera

User Guide



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Overview

The Elmo document camera is a visual presentation unit that can display a variety of presentation materials.

Text, photos, slides, negatives, transparencies, drawings and three-dimensional objects can be displayed in full color for local presentations and over the Distance Learning network.

The zoom lens can clearly display items as small as the date on a dime.

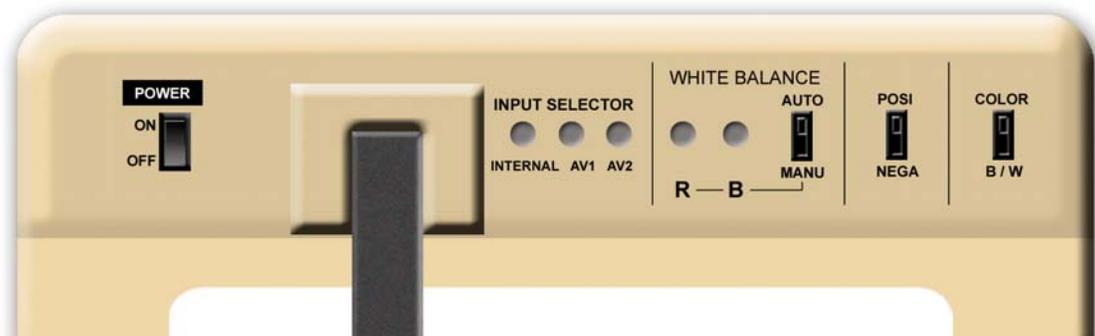
Some units have two optional, **Auxiliary Lights** to illuminate the objects being presented.

BOCES DL classrooms are designed with sufficient ceiling lighting above the teacher's podium. Auxiliary Lighting is rarely necessary.

All units have a base light to illuminate slides, negatives and transparencies from beneath.

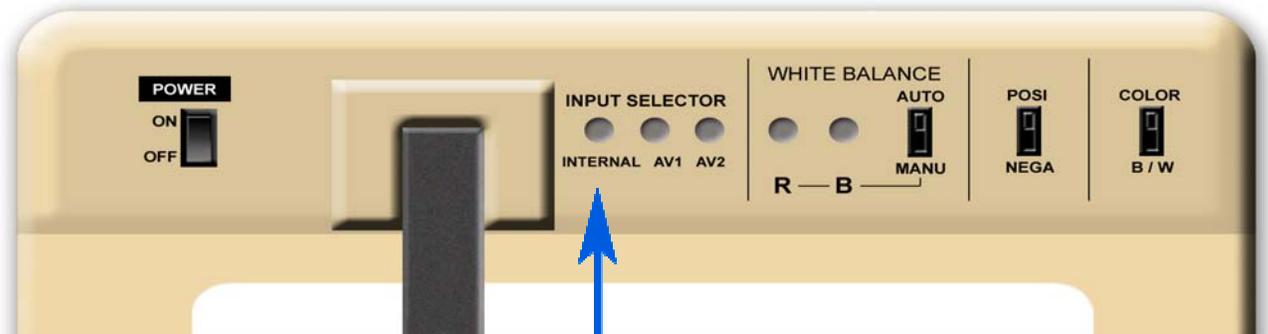
Power Switch

- Check to see that the **power cable is plugged securely into the unit.**
- The **power switch** is located on the **Back Panel** to the left of the **Pedestal Arm.**



Elmo EV368 Control Panels

Back Control Panel Adjustments



Input Selector

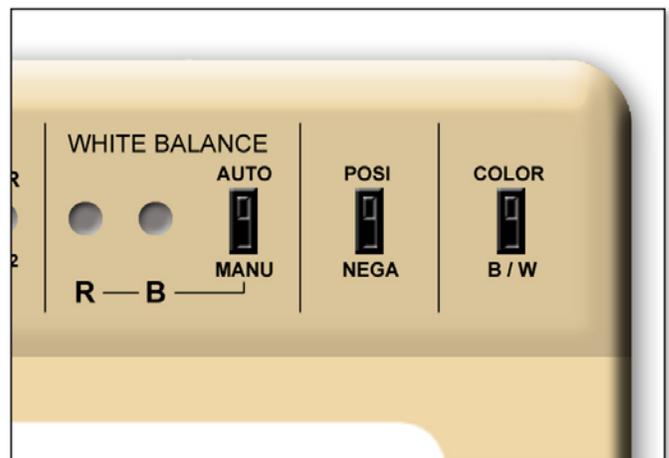
For Distance Learning the input selection should always be left on INTERNAL. Press the round button above "INTERNAL".

White Balance

In almost all cases, leaving the White Balance on AUTO will work best.

Manual **White Balance** adjustments can be made, if necessary, by switching to **MANU** and adjusting the red [**R**] and the blue [**B**] levels with the button above the corresponding letter.

If the switch has been moved to MANU, it should be returned to AUTO.



POSI - NEGA Choose either a **positive** or **negative** image display. In some cases changing to negative or positive can make printed material more readable. It is also possible to display photographic negatives in true color (as if they were positive transparencies).

Color - B / W Choose either a **COLOR** or black and white **B/W** image display. In some cases changing to **COLOR** or **B/W** can make an image more readable.

Front Control Panel Adjustments



Lamp - Select

Power for the lamp or lamps is controlled with the **OFF – ON** button at the left. If your unit is equipped with the optional auxiliary lighting arms, they may be used to illuminate opaque materials on the **STAGE**.

The ceiling lighting in BOCES DL rooms should be sufficient for lighting opaque materials.

The **SELECT** button is used to direct power to either the **OPT.** (optional auxiliary lights) or the **BASE** lights.

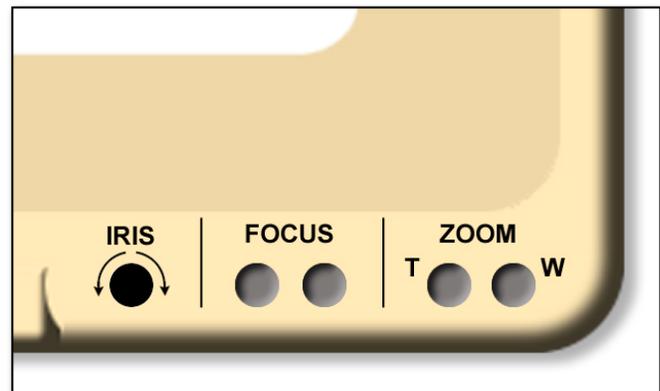
BASE lighting is used for slides, photographic negatives and transparencies. Some transparencies, however, may be more readable when illuminated from above rather than from below.

Iris Adjustments

Iris adjustments will change the exposure or brightness of the image.

In almost all cases, leaving the IRIS adjustment in the automatic position will work best.

Auto **IRIS** control is on when the knob is left in the middle position. There is a slight detent.

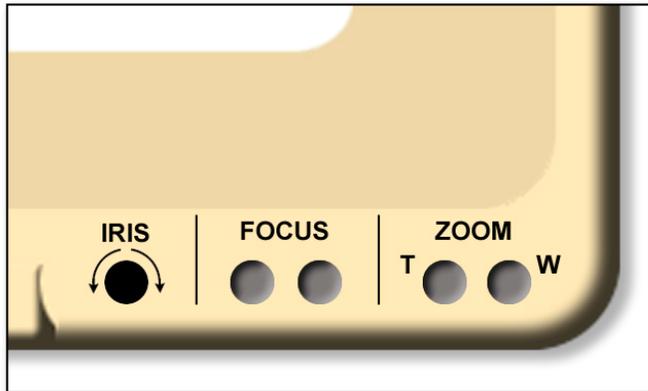


Manual IRIS adjustments can be made by turning the **IRIS** control knob.

If the switch has been moved away from the center position, it should be returned to the center, AUTO position.

Focus

Focus adjustments must be made manually with the two **FOCUS** buttons.



Zoom

These controls increase or decrease the image size displayed.

T (for tele) will increase the size of the image.

W (for wide) will decrease the image size.

See important notes on font, format and image size in the Presentation section of this manual.

Additional Magnification Range

Column Adjustment

By adjusting the column, you can lower the camera head for very close work and greater magnification.

For a wider view and greater coverage, you can raise the column.

Adjustments are made by pressing the latch on the side of the column and sliding the column up or down.

Remember that you will have to adjust the focus to accommodate the new column height.



When you make adjustments, please consider that you can avoid confusion on the part of other presenters if you will return the adjustments to their normal settings.